



REPORT/RECOMMENDATION

To: MAYOR AND COUNCIL	Agenda Item <u>Item No: VI.B.</u>
From: Jesse Struve, PE Utility Engineer	<input checked="checked" type="checkbox"/> Action
Date: January 17, 2012	<input type="checkbox"/> Discussion
	<input type="checkbox"/> Information
Subject: Public Hearing – Richmond Hills Park Neighborhood Roadway Improvement BA-388, Resolution No. 2012-19.	

ACTION REQUESTED:

If the Council determines the project to be necessary, cost-effective, and feasible, Council shall adopt Resolution No. 2012-19 accepting the feasibility study and approving Richmond Hills Park Roadway Improvement, Improvement No. BA-388, authorize plans and specifications to be completed and bids taken.

INFORMATION/BACKGROUND:

City staff initiated this project. The proposed project involves reconstructing the existing roadway, adding or replacing curb and gutter, replacement of the water main, and upgrades to the sanitary and storm sewer systems.

The overall project cost is estimated at \$6,583,000, which includes City owned utility repairs and replacement. Funding for the roadway cost will be from a special assessment of 100% of the roadway cost. All City owned utility repairs will be from the respective utility funds.

Staff and our consultant SEH Inc. has analyzed the project and feels that the project is necessary, cost-effective, and feasible from an engineering standpoint.

ATTACHMENTS:

Resolution 2012-19

Feasibility Study: BA-388

Draft January 9, 2012 Transportation Commission Meeting Minutes

**RESOLUTION NO. 2012-19
RECEIVING FEASIBILITY STUDY
AND ORDERING IMPROVEMENT FOR
RICHMOND HILLS PARK NEIGHBORHOOD ROADWAY
IMPROVEMENT NO. BA-388**

WHEREAS, a resolution of the city council, adopted the 20th day of December, 2011, fixed a date for a council hearing on Improvement No. BA-388, the proposed improvement of Richmond Hills Park Neighborhood Street Reconstruction; and

WHEREAS, ten days' mailed notice and two weeks' published notice of the hearing was given, and the hearing was held thereon on the 17rd day of January, 2012, at which all persons desiring to be heard were given an opportunity to be heard thereon; and

NOW THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF EDINA, MINNESOTA:

1. Such improvement is necessary, cost-effective, and feasible to update aging infrastructure.
2. Such improvement is hereby ordered.
3. The city engineer is hereby designated as the engineer for this improvement. The engineer shall prepare plans and specifications for the making of such improvement.
4. The city council declares its official intent to reimburse itself for the costs of the improvement from the proceeds of tax exempt bonds.

Dated: January 17, 2012

Attest: _____
Debra A. Mangen, City Clerk

James B. Hovland, Mayor

STATE OF MINNESOTA)
COUNTY OF HENNEPIN)SS
CITY OF EDINA)

CERTIFICATE OF CITY CLERK

I, the undersigned duly appointed and acting City Clerk for the City of Edina do hereby certify that the attached and foregoing Resolution was duly adopted by the Edina City Council at its Regular Meeting of January 17, 2012, and as recorded in the Minutes of said Regular Meeting.

WITNESS my hand and seal of said City this _____ day of _____, 20____.

City Clerk



FEASIBILITY STUDY – BA-388

ENGINEERING DEPARTMENT

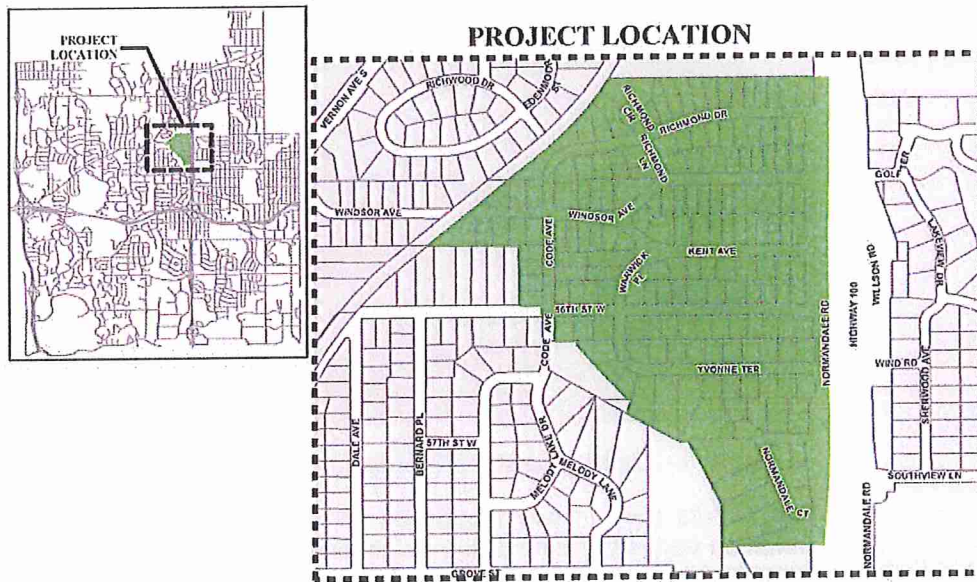
CITY OF EDINA

RICHMOND HILLS PARK NEIGHBORHOOD ROADWAY IMPROVEMENTS

January 3, 2012

LOCATION:

The project area includes Normandale Court, Yvonne Terrace (Normandale Road to 56th Street), 56th Street (Normandale Road to Code Avenue), Warwick Place (56th Street to Kent Avenue), Kent Avenue (Normandale Road to Windsor Avenue), Windsor Avenue (Normandale Road to Cul-De-Sac), Richmond Drive (Normandale Road to Code Avenue), Code Avenue (56th Street to Richmond Drive), Richmond Lane and Richmond Circle. The drawing below is a detailed project location map of the Richmond Hills Park Neighborhood Roadway Improvements.



INITIATION & ISSUES:

This project was initiated by the City's Engineering and Utility Departments as part of the City's street reconstruction program and Capital Improvement Program to update aging street infrastructure.

Included in the Appendix of this study are the results of a property owner questionnaire (questionnaire) the City sent to the project area on September 28, 2011. 115 of the 173 questionnaires sent were completed and returned.

Comprehensive Plan

Figures 7.10 and 7.11 in this study's Appendix are from the City's 2008 Comprehensive Plan Update. The figures show that sidewalk and bicycle trails are not proposed in the project area. Figure 13.3 in the Appendix is from the City's 2011 Comprehensive Water Resource Management Plan. This figure identifies a low area that exists in the backyards of 5213 and 5217 Richwood Drive that has the potential to cause flooding during storm events.

EXISTING CONDITIONS: The majority of the neighborhood's streets and public utilities were constructed from the early 1950's to the early 1960's.

Streets

The neighborhood's existing streets are surfaced with bituminous pavement. Patches, overlays, and sections of alligator cracking are present at random locations throughout the project area as shown in Figure 1.



Figure 1 - Looking East on Kent Avenue towards Normandale Road

The streets vary in width between 26 feet and 30 feet. While the pavement condition varies throughout the neighborhood, it is generally in poor condition. In 2010, City street crews completed a thin overlay patch along Richmond Drive, Richmond Lane and Code Avenue due to failed pavement conditions and to prevent city plows from inadvertently gouging chunks of bituminous and throwing them towards vehicles, homes and boulevards. Approximately 44% of the streets in the project area have concrete curb and gutter, and 60% of this existing concrete curb and gutter is in poor condition.

As part of this study, 15 soil borings were taken in the project area. The borings identified shallow fill and predominantly glacial till soils consisting of silty sand, clayey sand, and sandy lean clay beneath the street pavement. A visual review of the base material layer beneath the bituminous pavement indicated the material may not meet MnDOT criteria for an aggregate base course. The absence of an adequate aggregate base layer contributes to the visible distresses in the street surface.

The existing geometry of the intersections at Windsor Avenue and Kent Avenue and at Warwick Place and Kent Avenue creates large surface areas of pavement, intersection corners with long radius curb-lines, and possible

encroachment onto private property at 5516 Warwick Place. This existing geometry allows vehicles to comfortably maneuver through the intersection at speeds higher than typical or desirable for conventional intersections. This situation can lead to diminished pedestrian crossing safety and requires additional city resources during snow removal operations. The existing geometric configuration of the intersection is shown in Figure 2.

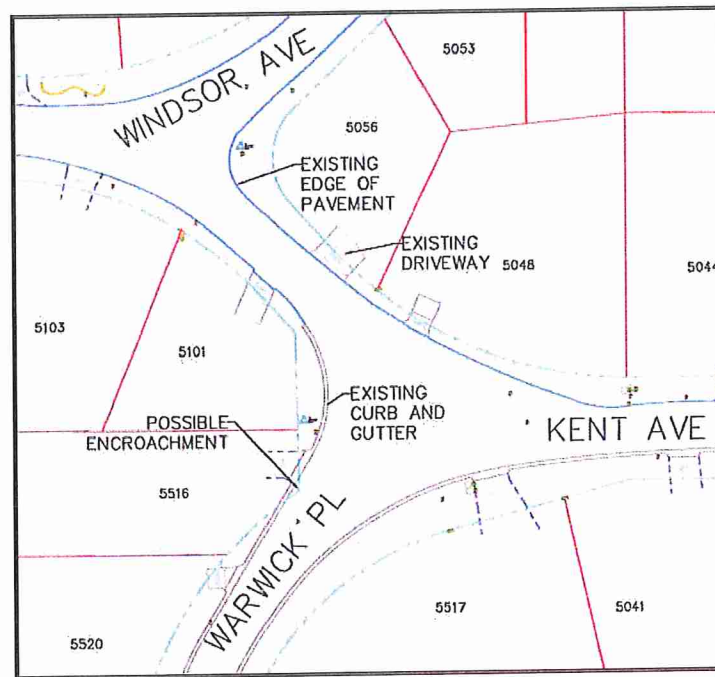


Figure 2 - Existing Geometric Configuration at the Windsor Avenue/Kent Avenue and Kent Avenue/Warwick Place Intersections

There is one (1) driveway featuring brick paver blocks in the project area. Twenty (20) decorative landscaping features are located in the right-of-way (ROW) in the project area. Figure 3 depicts the brick paver driveway and a typical landscaping feature found in the project area's right-of-way.



5105 Richmond Drive – Paver Driveway



5113 Richmond Drive – Landscaping Feature

Figure 3

Storm Sewer

In addition to the storm sewer pipe conveying runoff from the intersection of Code Avenue and 56th Street, Melody Lake also receives runoff from a storm sewer pipe in Melody Lake Drive serving the neighborhood south and west of Melody Lake. Based on the City's closed-circuit television inspections of these two (2) pipes, separated joints and root infiltration are present in each of these pipes between Code Avenue and Melody Lake.

A natural ridge aligned north-south just west of Normandale Road divides storm water that falls on the project area. Storm water falling east of this ridge flows overland east to existing storm sewer inlets and pipe along Normandale Road. The runoff is conveyed by this storm sewer to a storm sewer interceptor pipe under Hwy 100 and eventually into Minnehaha Creek. Storm water falling west of the ridge flows overland along the street edges, a concrete valley gutter in Richmond Lane, bituminous valley gutters at other intersections, and along concrete curb and gutter to storm sewer pipes and inlets on Yvonne Terrace and at the intersection of 56th Street and Code Avenue. These pipes convey the runoff into Melody Lake. At Normandale Court, storm water falling west of the ridge flows overland along the street edges to storm sewer pipes and inlets near Normandale Court's cul-de-sac Terrace. These pipes also convey the runoff into Melody Lake.

Storm water runoff travels 2 to 3 times further overland in the neighborhood than the recommended maximum distance of 500 feet before entering an inlet. This longer distance causes runoff to pool along the edges of many of the streets or at select intersections. Thirty-five (35) residents reported storm water runoff pooling problems via the questionnaire. Below is a list of worst locations of pooling runoff.

- The intersection of Richmond Circle and Richmond Drive.
- The intersection of Windsor Avenue and Kent Avenue.
- The intersection of Windsor Avenue and Code Avenue.
- Temporary street flooding during storm events occurs in the street at 5045 Yvonne Terrace and at the intersection of 56th Street and Warwick Place due to a less than recommended number of catch basins.
- Runoff leaving the edge of the 56th Street and flowing up the driveway and into the front yard of 5532 Code Avenue.

Storm water runoff is only marginally conveyed by the neighborhood's valley gutters and longitudinal street slopes to the existing storm sewer pipe network on 56th Street.

A low area exists in the backyards of 5213 and 5217 Richwood Drive. The area is across the Canadian Pacific Railroad tracks opposite the Windsor Avenue cul-de-sac. Because the area's natural outfall for pooling runoff is higher than the elevation of the lowest entrances into both 5213 and 5217 Richwood Drive, during large storms, the potential exists to flood 5213 and 5217 Richwood Drive. The low area is shown in Figure 4.

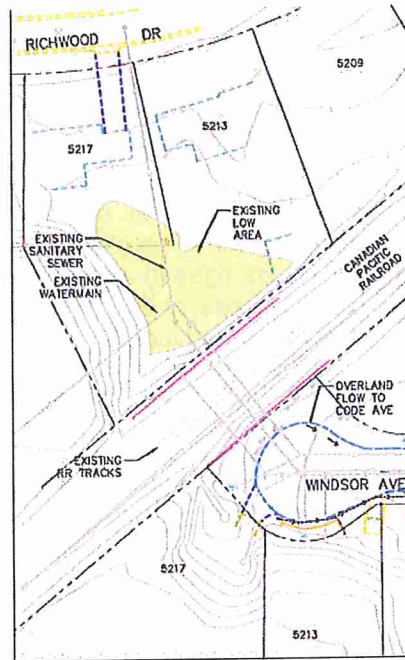


Figure 4 - Existing Low Area at 5213/5217 Richmond Drive

Figure 5 below shows the intersection of Windsor Avenue and Kent Avenue and the resultant stormwater pooling during a recent rain event.



Figure 5 – Pooling Runoff at the intersection of Windsor Avenue and Kent Avenue Looking Northeast

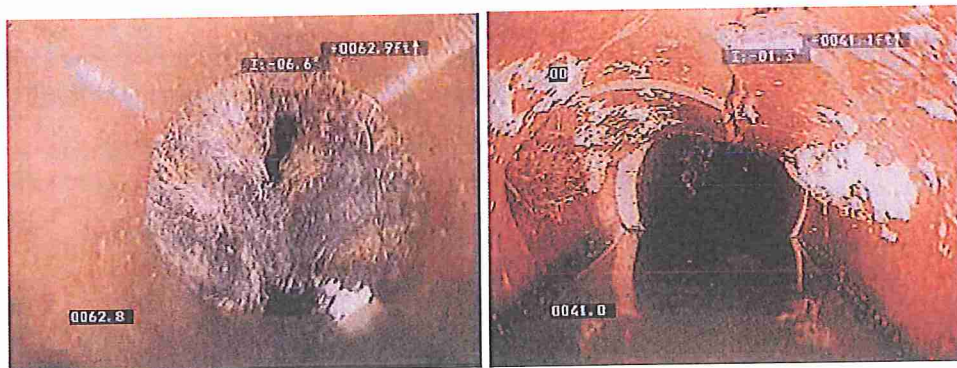
Fifty-two (52) home owners told us they operate sump pumps via returned questionnaires. They use these pumps to discharge ground water away from their homes. In most cases, their pumps discharge the ground water into their yards or an adjacent street. The discharges either seep back towards their, or their neighbor's home, or pool along street edges.

Trunk Water Main and Sanitary Sewer Pipes

Trunk water main and sanitary sewer pipe materials are cast iron and clay pipe respectively. The trunk water main and sanitary sewer pipes were constructed from the early 1950's to the early 1960's.

Six-inch (6") diameter trunk water main pipes serve the neighborhood. The valves and fire hydrants along the trunk water main pipe are operable. Drawing No. 1 in the Appendix shows that since 1989, when the City began documenting its trunk water main pipe and City-owned water service pipe breaks, there have been seventeen (17) trunk water main pipe and City-owned water service pipe break and leak repairs. Trunk water main pipe was never installed along Richmond Lane or along Kent Avenue between Warwick Place and Windsor Avenue. While fire fighting needs are satisfactory without these missing trunk pipes, fire fighting is not optimal. Additionally, the missing pipes cause the water service pipes at 5101 Windsor Avenue and 5048 Kent Avenue to be twice the recommended length.

Nine-inch (9") and ten-inch (10") diameter trunk sanitary sewer pipes serve the neighborhood. Based on the City's closed-circuit television inspections of the trunk sanitary sewer pipes, twelve (12) areas have been identified with problems including; cracked pipe, sagging pipe, collapsed pipe and offset joints. In addition to the twelve identified problems, multiple joint locations along the pipe showed extensive root infiltration into the trunk main pipe. Figure 6 below shows extensive root infiltration and a cracked pipe location.



Richmond Drive – Root Infiltration

Windsor Avenue – Cracked Pipe

Figure 6

Private Water Main and Sanitary Sewer Service Pipes

While construction and maintenance records are not available for these pipes, they are the same age as the trunk pipes. The service pipes are likely in a condition similar to the trunk pipes.

Water main service pipes within the neighborhood are copper pipes and vary in diameter.

Sanitary sewer service pipes are likely 6-inch diameter clay pipes. Based on their age, the City should expect that cracks and separated joints have developed along these pipes similar to the trunk main. These faults in the pipe facilitate tree root intrusion and the inflow and infiltration of clear ground water into the City's sanitary sewer network.

Private Utilities

Providers of privately owned gas, electric, telephone and cable television utilities all have infrastructure in the neighborhood. These utilities are either overhead on poles or buried underground both within and outside of the street right-of-way (ROW).

The gas main trunk and service pipes are made of steel.

Forty-four (44) residents told us they own and operate either an underground pet containment or lawn irrigation system within the project boulevards.

Residential Roadway Lighting and Sidewalks

The neighborhood's roadway light network consists of standard cobra head lights mounted on wood poles. These lights are typically located at intersections.

A sidewalk / secondary bicycle route is present along the west side of Normandale Road at the east edge of the project.

PROPOSED IMPROVEMENTS:

The project involves installing concrete curb and gutter and reconstructing the bituminous pavement. It also involves extending the existing storm sewer pipe network and connecting sump pump drain pipe to the storm sewer pipe. The sump pump drain pipe will allow property owners to discharge ground water from their sump pumps into the trunk storm sewer pipe network. The project will also involve reconstructing the trunk water main and trunk sanitary sewer pipe.

The scope of the water main, sanitary and storm sewer reconstruction will meet the following parameters.

- Protect boulevard trees.
- Provide continuous sewer and water service to residents.
- Maintain pedestrian and vehicle access in the neighborhood.
- Reconstruct private sanitary sewer service pipes between the sanitary sewer trunk pipe and right-of-way (ROW) line.
- Encourage property owners to reconstruct their private sanitary sewer service pipe between the ROW line and their homes prior to construction.
- Reconstruct the City-owned water service pipe between the trunk water main pipe and curb stop box. Reconstruction should also include replacing all of the curb stops.
- Encourage property owners to reconstruct their private water main service pipes between the curb stop and their homes.

Streets

The project will reconstruct the streets with a bituminous surface to approximately their existing widths. The project will recycle and mix the existing bituminous street pavement and the minor amounts of aggregate base below it

together to form a material suitable to replace poor subgrade soils. The project will also recycle the segments of Richmond Drive, Richmond Lane and Code Avenue that received the thin overlay patch in 2010. The thin overlay patch will increase the quality of the recycled material.

All of the streets in the project will receive a new layer of aggregate base prior to the installation of the new bituminous pavement.

The project will remove and replace all of the sections of existing concrete curb and gutter. Since a majority of the existing concrete curb and gutter is in poor condition, spot repairs are not as cost effective for the City as complete removal and replacement. New concrete curb and gutter and concrete driveway aprons are proposed for all the streets whether it is present today or not.

As shown in Figure 7, the project will reduce the curb radii at the intersection of Windsor Avenue and Kent Avenue and at the intersection of Warwick Place and Kent Avenue. These reductions will reduce turning vehicular speeds, make vehicle turns more deliberate for drivers and predictable for pedestrians, eliminate the possible encroachment onto private property at 5516 Warwick Place, and decrease the amount of future maintenance performed by the City at these intersections. The project will likely install a low berm with trees atop it in the right-of-way (ROW) in front of 5048 Kent Avenue. The berm and trees will minimize the amount of possible vehicle headlight glare into 5048 Kent Avenue from traffic travelling northbound on Warwick Place. The project will extend affected driveways and boulevards at these reduced intersections to match the proposed curb lines. The orientation of the proposed house at 5517 Warwick Place will be taken into account when determining the final location of its driveway at the reduced intersection.

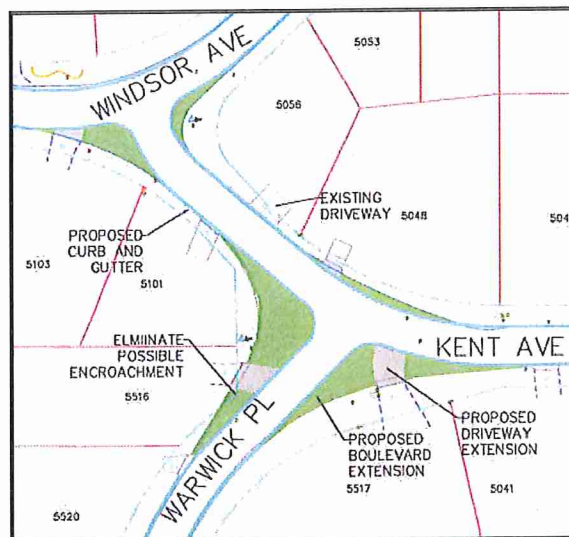


Figure 7 – Proposed Geometric Configuration at Windsor Avenue/Kent Avenue Intersection and Kent Avenue/Warwick Place Intersection

Storm Sewer

Wherever possible the project will mitigate pooling storm water runoff along street edges and intersections by both installing concrete curb and gutter along all neighborhood streets and extending the existing storm sewer pipe network at 56th Street and Warwick Place north to Kent Avenue, Windsor Avenue, Code Avenue and Richmond Drive.

The project will correct the list of worst locations of pooling runoff given on page 4 of this study as follows.

- The intersection of Richmond Circle and Richmond Drive will receive storm sewer catch basins.
- The intersection of Windsor Avenue and Kent Avenue will receive storm sewer catch basins.
- The intersection of Windsor Avenue and Code Avenue will receive storm sewer catch basins.
- 5045 Yvonne Terrace and the intersection of 56th Street and Warwick Place will receive additional storm sewer catch basins.
- The project will extend concrete curb and gutter and a driveway apron along the 56th Street frontage of 5532 Code Avenue to capture runoff before it leaves the edge of the 56th Street.

The project will install one (1) storm water runoff treatment manhole each in the street near 5045 Yvonne Terrace and at the intersection of Code Avenue and Melody Lake Drive. These special manholes remove most of the sandy sediment and floatable debris from storm water runoff before it enters the existing storm sewer trunk pipe that flows directly to Melody Lake. The 2 storm sewer pipes between Code Avenue and Melody Lake, that convey runoff into Melody Lake from the intersection of Code Avenue and 56th Street and from Melody Lake Drive, will be removed and replaced with a single combined pipe still out letting directly to Melody Lake.

Because the Windsor Avenue cul-de-sac is at a lower elevation than the low area in the backyards of 5213 and 5217 Richwood Drive, the project offers an opportunity to drain runoff trapped in the low area at 5213 and 5217 Richwood Drive. As shown in Figure 8, a storm sewer pipe will be installed by trenchless methods beneath the Canadian Pacific Railroad. The storm sewer pipe will outlet into the boulevard at the west end of the Windsor Avenue cul-de-sac. The runoff will flow across the boulevard into Windsor Avenue and flow overland to proposed storm sewer inlets at the intersection of Windsor Avenue and Code Avenue.

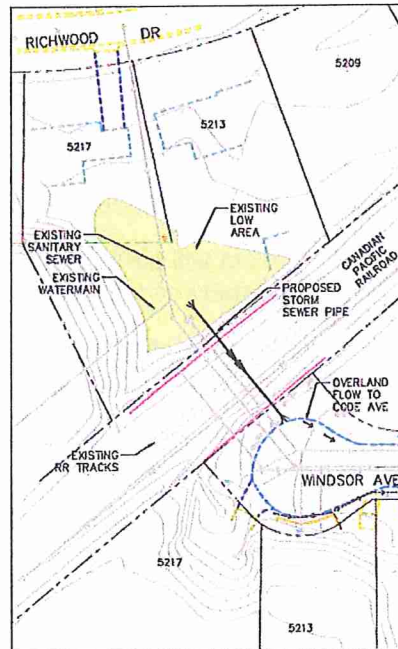


Figure 8 Proposed Storm Sewer at 5213/5217 Richmond Drive

The project will install one storm sewer catch basin manhole with a two-foot sump at 5020 Normandale Court. This City standard manhole will serve to catch additional sediment from storm water runoff before it enters the existing storm sewer trunk pipe that flows directly into Melody Lake.

The project will address ground water flow issues by installing a 6-inch sump drain trunk pipe behind the concrete curb and gutter throughout the majority of the project wherever it is feasible. This pipe allows the property owner to connect their sump pump discharge service pipes to the storm sewer pipe network. Such connections prevent their sump pumps from discharging back into their yards or an adjacent street. A 4-inch service line pipe will be installed towards the ROW line in front of the resident's home from the sump drain trunk pipe. From their ROW line, the resident is responsible for installing an underground pipe and any plumbing modifications needed to connect it to their sump pump or footing drain at their own cost using their own contractor.

Trunk Water Main and Sanitary Sewer Pipes

Even though fewer breaks and leaks have been repaired south of 56th Street; they are the same age as those installed north of 56th Street in similar subgrade soils. The City anticipates the frequency of break and leak repairs to increase during the life of the proposed street pavement both south and north of 56th Street. Rather than make frequent excavations through the proposed pavement and concrete curb and gutter, the City will take advantage of street reconstruction to reconstruct the entire trunk water main pipe network and City-owned water service pipes and curb stop boxes.

Due to the depth and location of the trunk water main pipes, traditional open cut pipe reconstruction methods involving the excavation of a trench will be used on a limited basis in non-sensitive areas. Limiting the use of open cut method will protect boulevard trees and landscaping. The project will reconstruct 80% of the trunk water main trunk pipe network using a trenchless reconstruction method called pipe bursting.

The project will increase the size of the trunk water main pipe from six-inch to eight-inch diameter along Richmond Circle as recommended by the American Water Works Association for dead end trunk water main pipe conditions.

New trunk water main pipe will be installed between Richmond Drive and Windsor Avenue along Richmond Lane and along Kent Avenue between Windsor Avenue and Warwick Place. By installing these pipes, the City will optimize water flow for fire fighting in the neighborhood and decrease the length of service pipes to 5101 Windsor Avenue and 5048 Kent Avenue to acceptable lengths.

Drawing No. 2 in the Appendix shows the proposed combination of open cut and pipe bursting reconstruction methods to be deployed in this project.

During the reconstruction of the trunk water main pipe, residents will have continuous water service. Temporary water main and service pipes will be strung out on the ground along the boulevards and front yards of the neighborhood's streets. These temporary pipes are connected to sections of the existing water main already, or not yet, reconstructed. Continuous water service is provided to each home via its outside garden hose spigot. The contractor will need access into each home in the neighborhood to make a proper temporary water main connection.

The project will replace all of the existing fire hydrants with new City standard hydrants. The project will move hydrants that are too close to an edge of a driveway pavement to the nearest boulevard location adjacent to side-yard property lines. The project will add hydrants in locations where the distance between the existing hydrants exceeds the recommended 500-foot spacing.

The project will reconstruct the trunk sanitary sewer pipes using a trenchless reconstruction method called cured in place pipe lining. Spot repairs will be made to the trunk sanitary sewer pipes that have sagged, cracked or where offset joints occur. The City's closed circuit television inspections provide the exact locations of these repairs. Wherever necessary, the repairs will be completed using open cut repair methods. In sensitive locations, repairs will be completed using trenchless repair methods.

Private Utilities

CenterPoint Energy reports that they want to take advantage of street reconstruction in the project area to upgrade their steel gas trunk main and service pipes to plastic pipe. The City would coordinate this upgrade with CenterPoint Energy prior to the start of street reconstruction.

The City will repair any damage to privately-owned pet containment and irrigation utilities caused by street and City utility reconstruction activities.

Private Water Main and Sanitary Sewer Service Pipes

Reconstructing the trunk water main pipe using pipe bursting method destroys the connection between the City-owned water service pipe and the trunk water main pipe. A small excavation is needed to restore this connection. The City will take advantage of this excavation, make it larger, and reconstruct the entire City-owned water service pipe including the curb stop box, labeled A and E, respectively in Figure 9 below.

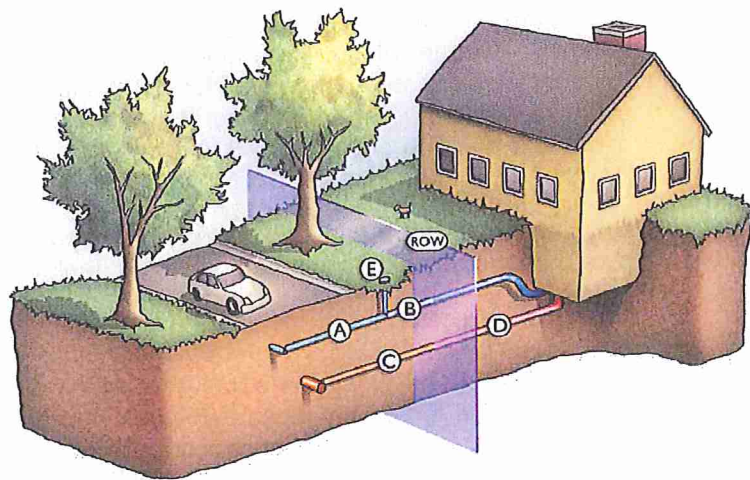


Figure 9 – Typical Section Showing Utility Ownership

Because CenterPoint Energy will reconstruct its gas main and service pipes that are beneath the neighborhood's streets, the only non-reconstructed existing utility that will remain beneath the new streets are the private sanitary sewer service pipes. To protect the investment in new streets made by the property owners and the City, the City will reconstruct with this project each private sanitary sewer service pipe labeled Segment C in Figure 9. Figure 9 also shows the limits of the service pipes owned by the property owners. Reconstructing the service pipes to these limits with this project mitigates the opportunity for future potential damage to the new street surface due to future private sanitary sewer service pipe repairs. Furthermore, property owners would not have to pay the cost to patch the new street while accomplishing a future repair.

Because the City will reconstruct Segment C with this project, residents can avoid potential future blockages and eliminate the inflow and infiltration of clear ground water along the balance of their sanitary sewer service pipe by reconstructing Segment D at their own cost using their own contractor. Based on the City's experiences reconstructing private sanitary sewer service pipes during the Country Club Area's Sewer Water and Street Reconstruction Project during 2008 and 2009 and the Minnehaha Woods Neighborhood Roadway Improvements Project during 2010, the City believes property owners in Richmond Hills Park may discover it costs about the same amount to have their

own contractor reconstruct Segments C & D as it does for the City's contractor to reconstruct only Segment C.

Residents should take advantage of the coming disruptions in the neighborhood caused by the project and complete their service pipe reconstruction work before the City's contractor begins their work. This schedule for the residents is necessary to maximize the progress of the City's contractor. If a property owner chooses to reconstruct Segment C of their private sanitary sewer service pipe, the City will allow the property owner's plumber to leave a temporary patch in the street pavement and temporarily restore the City-owned boulevard. During street reconstruction, the City's contractor would complete the final restoration of the street pavement and City-owned boulevard.

If a resident chooses to reconstruct Segment D of their sanitary sewer service pipe, it would likely be the best time to also reconstruct Segment B of their water service pipe at their own cost using their own contractor. Because the sanitary sewer and water service pipes are likely near each other, a resident can usually reconstruct both of these service pipes to their home by excavating only one trench across their yard. Furthermore, a resident will likely realize a cost savings if they reconstruct both of these service pipes simultaneously, versus reconstructing each service pipe separately.

If a resident has reconstructed their private service pipe(s) within approximately the past 15 years, there is probably no need for that resident to again reconstruct their service pipe(s) now. Residents can discover whether or not their service pipe(s) have been reconstructed by contacting the City's Building Department.

Options do exist for residents to reconstruct both of their service pipes across their yards with minimal digging. Residents can use the new trenchless pipe reconstruction methods the City intends to use to reconstruct its trunk water main and sanitary sewer pipes. While these options can be more expensive to accomplish, they can protect a resident's landscaping, sidewalk, or driveway that may be located above both of the service pipes.

At the November 29, 2011 informational meeting, neighborhood property owners were encouraged to reconstruct Segments B, C and D before the City's reconstruction project begins. In an effort to facilitate this reconstruction work by the property owners, the City made available to property owners at the informational meeting a Plumbers Questionnaire Summary dated November 29, 2011. That summary is included in the Appendix of this study.

Residential Roadway Lighting and Sidewalks

The questionnaire asked if the project area wanted to reconstruct the street lights and add a sidewalk to the project area. The results report that the project area's property owners do not want to reconstruct the street lights or add a sidewalk to the project area. These items are not included in the proposed improvements.

At their December 15 meeting, the Edina Transportation Commission recommended not extending sidewalks in the project area.

RIGHT-OF-WAY:

Adequate ROW exists to implement this project.

EASEMENTS: Easement acquisition is not anticipated to reconstruct this project area.

PROJECT COSTS: The total estimated project cost is \$6,583,000 (2012 Dollars). The estimated total project cost is summarized in Table 1.

Table 1
Summary of Total Estimated Project Cost

ITEM	ESTIMATED COST ²	
	CITY	RESIDENTS
Sanitary Sewer Trunk Pipe	\$1,020,000	
Sanitary Sewer Service Pipe Between the Trunk Pipe and the Right-Of-Way line ¹		\$573,000
Water Main Trunk Pipe and Service Pipe Up To and Including Curb Stop Box	\$1,490,000	
Storm Sewer	\$1,200,000	
Street Reconstruction ¹		\$2,300,000
Sub-total	\$3,710,000	\$2,873,000
Total	\$6,583,000	

¹ Cost to be assessed to residents

² Costs are given in 2012 dollars

The total estimated cost includes indirect costs for engineering and clerical and finance costs from the start of construction to the final assessment hearing.

ASSESSMENTS: An estimated special assessment rate of approximately \$16,800 (2012 Dollars) per residential equivalent unit (REU) is proposed to be levied against the property owners in the project area. There are 171 REU's in the project area. The estimated total assessment rate is summarized in Table 2.

Table 2
Summary of Total Estimated Assessment Rates per REU

ITEM	ESTIMATED ASSESSMENT ¹
Sanitary Sewer Service Pipe Between the Trunk Pipe and the Right-Of-Way line	\$3,400
Street Reconstruction	\$13,400
Total	\$16,800

¹ Assessment rate is given in 2012 dollars

Drawing No. 3 in the Appendix of this study summarizes the application of the estimated assessment rates. According to City policy, properties that abut the project but their addresses are not included in the project are either not assessed due to past assessments or assessed at either 1/3 or 2/3 of the estimated rate. No 1/3 or 2/3 assessments are proposed for this project.

The City will consider deducting that portion of the assessment rate for the sanitary sewer service pipe repair if the resident:

- Repairs, using their own contractor, their own private sanitary sewer service pipe between at least the trunk sanitary sewer pipe and ROW line before reconstruction is underway, or
- Reconstructed their sanitary sewer service pipe between at least the trunk sanitary sewer pipe and ROW line with PVC pipe or by use of trenchless methods in the last 15 years.

A copy of the preliminary assessment roll is included in the Appendix.

FEASIBILITY: City staff and its consulting engineer believe the improvements are necessary, cost-effective, and feasible from an engineering stand point.

PROJECT SCHEDULE: The estimated schedule shown in Table 3 is feasible from an Engineering standpoint.

Table 3
Project Schedule

Event	Date
Pavement Rehabilitation Open House	September 13, 2011
Neighborhood Informational Meeting	November 29, 2011
Public Improvement Hearing	January 17, 2012
Bid Opening	March 2012
Award Contract	April 2012
Begin Construction	May 2012
Complete Construction	Fall 2012
Final Assessment Hearing	Fall 2013

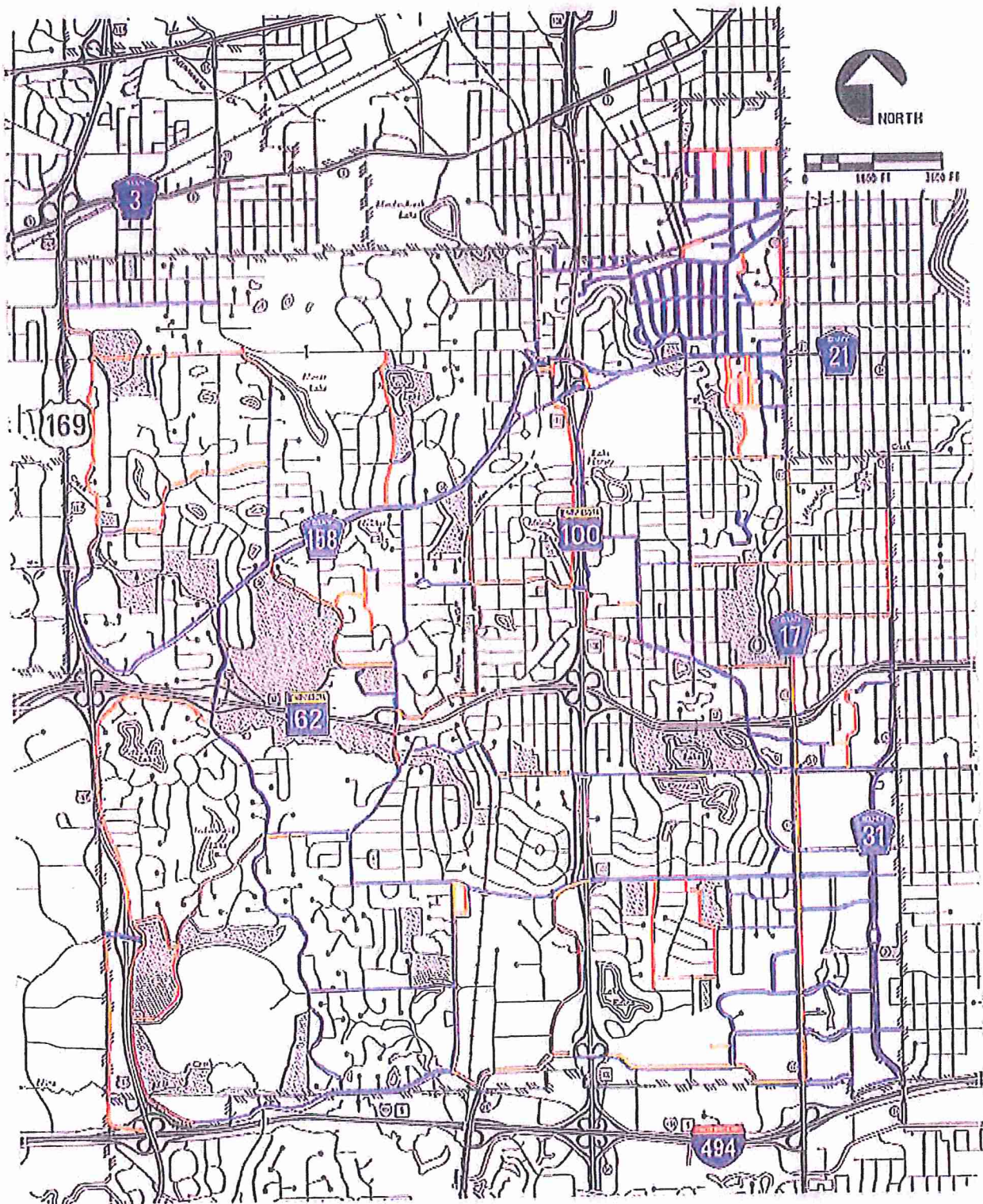
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APPENDIX

Figure 7.10	City of Edina 2008 Comprehensive Plan Update – Sidewalk Facilities
Figure 7.11	City of Edina 2008 Comprehensive Plan Update – Bicycle Facilities
Figure 13.3	City of Edina 2011 Comprehensive Water Resource Management Plan – Low Area at 5213 and 5217 Richwood Drive
Drawing No. 1	City of Edina Richmond Hills Park Water Main & Service Breaks
Drawing No. 2	Water Main Reconstruction
Drawing No. 3	Assessment Summary

- Certification Page
- Local Street Reconstruction Program Open House Invitation dated September 7, 2010
- Local Street Reconstruction Program Open House Invitation dated August 30, 2011
- Richmond Hills Park Neighborhood Roadway Improvements - Resident Questionnaire Transmittal Letter and Questionnaire dated September 28, 2011
- Richmond Hills Park Neighborhood Roadway Improvements Property Owner Questionnaire Results Summary as of November 3, 2011
- Richmond Hills Park Neighborhood Roadway Improvements Informational Meeting Invitation dated November 16, 2010
- Richmond Hills Park Neighborhood Roadway Improvements Informational Meeting Attendance Roster dated November 29, 2011
- List of Questions asked by Residents and answers provided at the November 29, 2011 Informational Meeting
- Plumbers Questionnaire Summary Provided to Residents at the November 29, 2011 Informational Meeting
- Preliminary Assessment Roll
- Richmond Hills Park Neighborhood Improvements Explanation of Conflicting Estimated Special Assessment Rate Amounts dated December 28, 2011
- Notice of Public Improvement Hearing dated December 28, 2011

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LEGEND:

Existing Sidewalk

Proposed School/
Business Sidewalk

Proposed
State-Aid Sidewalk

Note: Park Pathways are Included on Figure 7.11



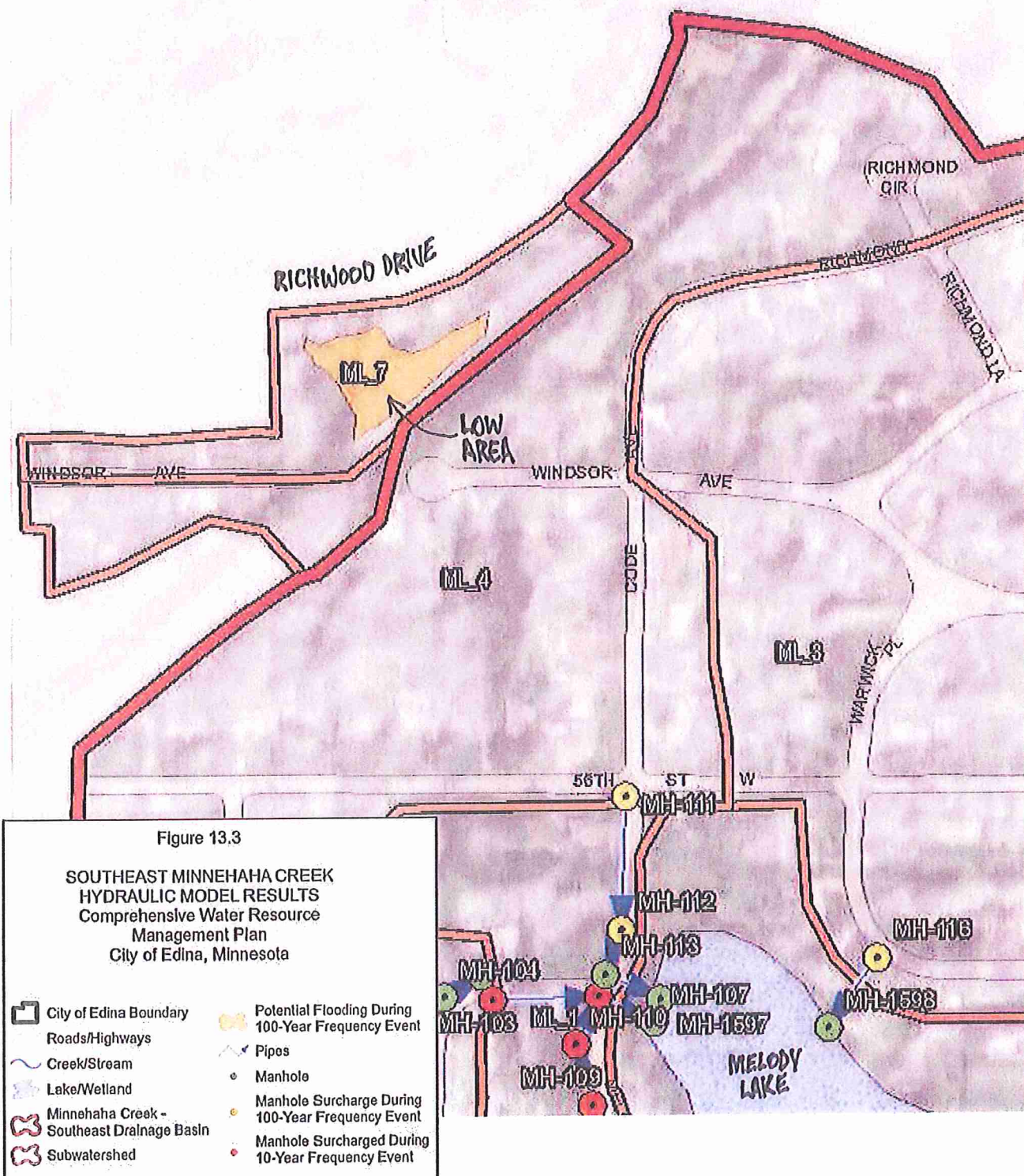
**City of Edina
2008 Comprehensive Plan Update**

Sidewalk Facilities

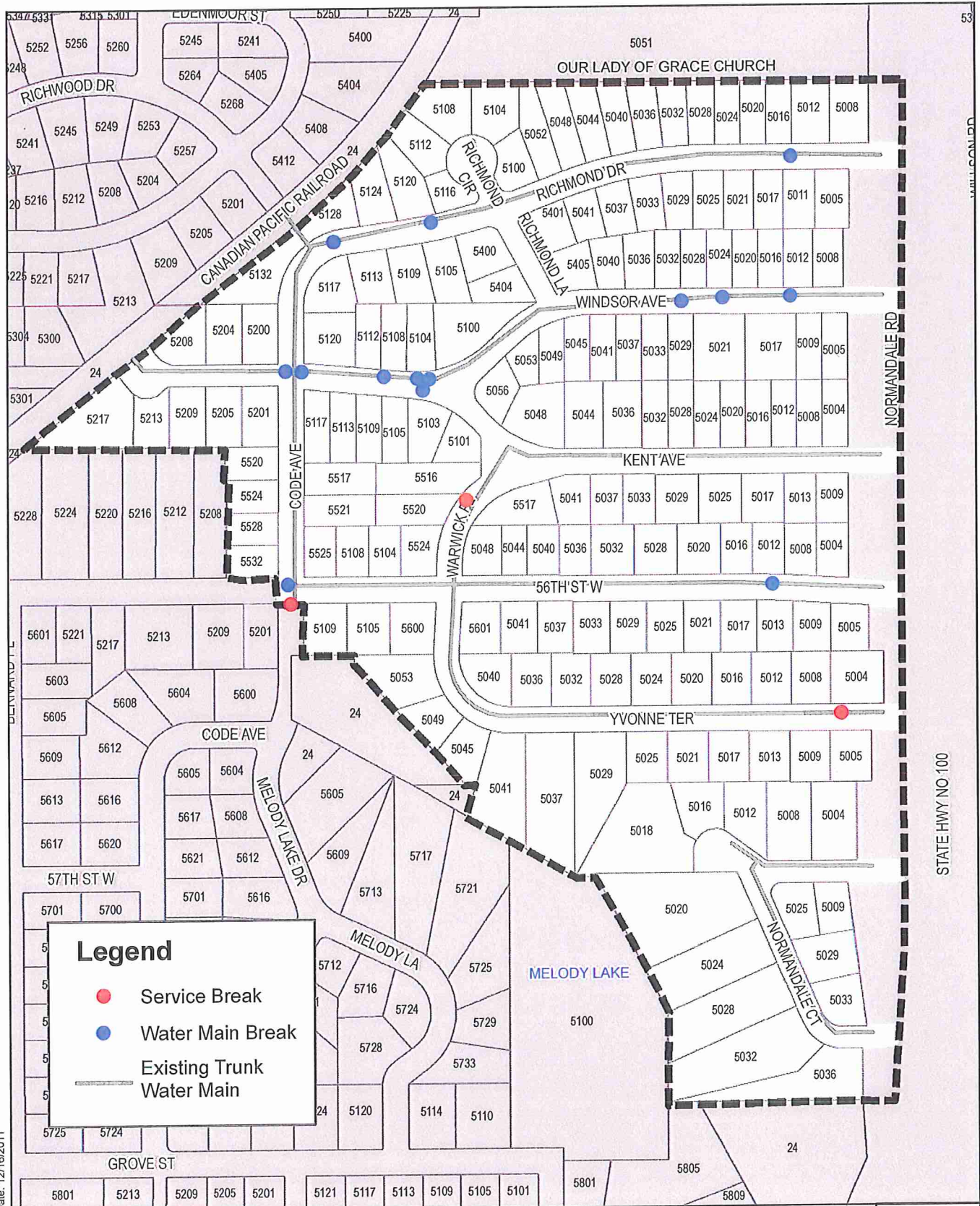
Figure 7.10

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Legend

- Service Break
- Water Main Break
- Existing Trunk Water Main



Richmond Hills Park
 Neighborhood Roadway Improvements
 No. BA-388
 Edina, Minnesota

Project:
EDINA 118570

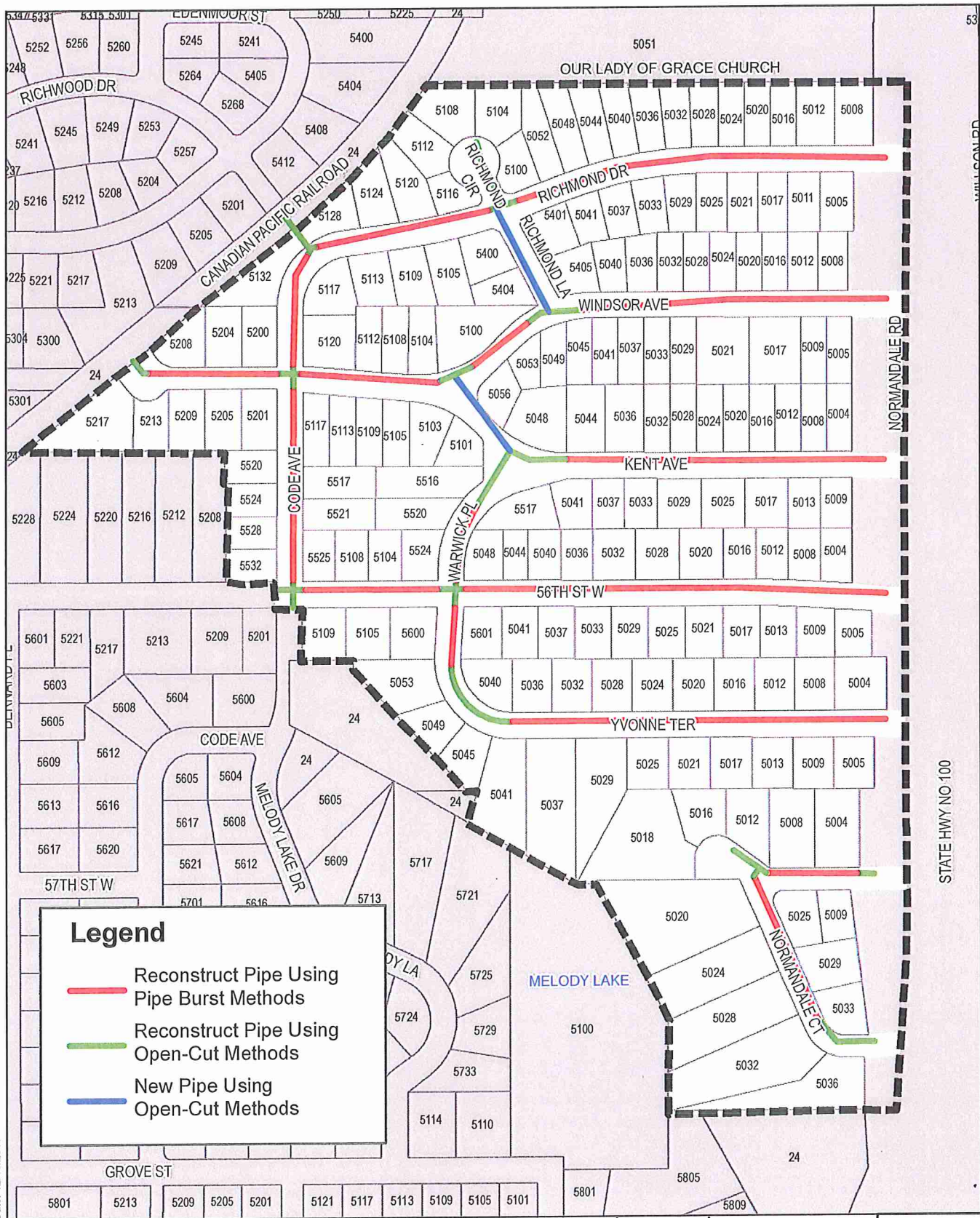
Print Date:
12/15/2011

**Water Main
and Service
Breaks**

**Drawing
No.
1**

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Path: S:\AE\Edina\Common\GIS\Proposals\Figure2.mxd
Date: 12/16/2011



Richmond Hills Park
Neighborhood Roadway Improvements
No. BA-388
Edina, Minnesota

Project:
EDINA 118570

Print Date:
12/15/2011

**Water Main
Reconstruction**

**Drawing
No.
2**

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Date: 12/16/2011



Richmond Hills Park
Neighborhood Roadway Improvements
No. BA-388
Edina, Minnesota

Project:
EDINA 118570

Print Date:
12/15/2011

**Assessment
Summary**

**Drawing
No.
3**

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FEASIBILITY STUDY - BA-388

RICHMOND HILLS PARK NEIGHBORHOOD ROADWAY IMPROVEMENTS

SEH No. EDINA 118570

January 3, 2012

I hereby certify that this report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota



Toby Muse, PE

Date: 1/3/12 Lic. No.: 43364

Reviewed by:  1.3.12
Date

Short Elliott Hendrickson Inc.
10901 Red Circle Drive, Suite 300
Minnetonka, MN 55343-9301
952.912.2600

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September 7, 2010

RE: 2012 Street Reconstruction Projects

Dear Resident:

The City of Edina has initiated the process of roadway and utility improvements for the summer of 2012 for your neighborhood. The first step is to have an open house to familiarize you with the City's process for street reconstruction.

You are invited to attend an informational meeting on Monday, September 20, 7:00 p.m., at the new Public Works and Park Maintenance Facility, located at 7450 Metro Boulevard, see attached map on the back. The meeting will consist of a short presentation starting at 7:15 p.m. with question and answer to follow. The presentation will cover topics such as "How are streets selected for reconstruction; Who funds the project; Special Assessment; What can I expect during construction; How can I stay informed." The exact amount that you will be assessed for this project will not be available in time for the open house; however, based on past projects, you can expect the amount to be between \$8,000 to \$12,000.

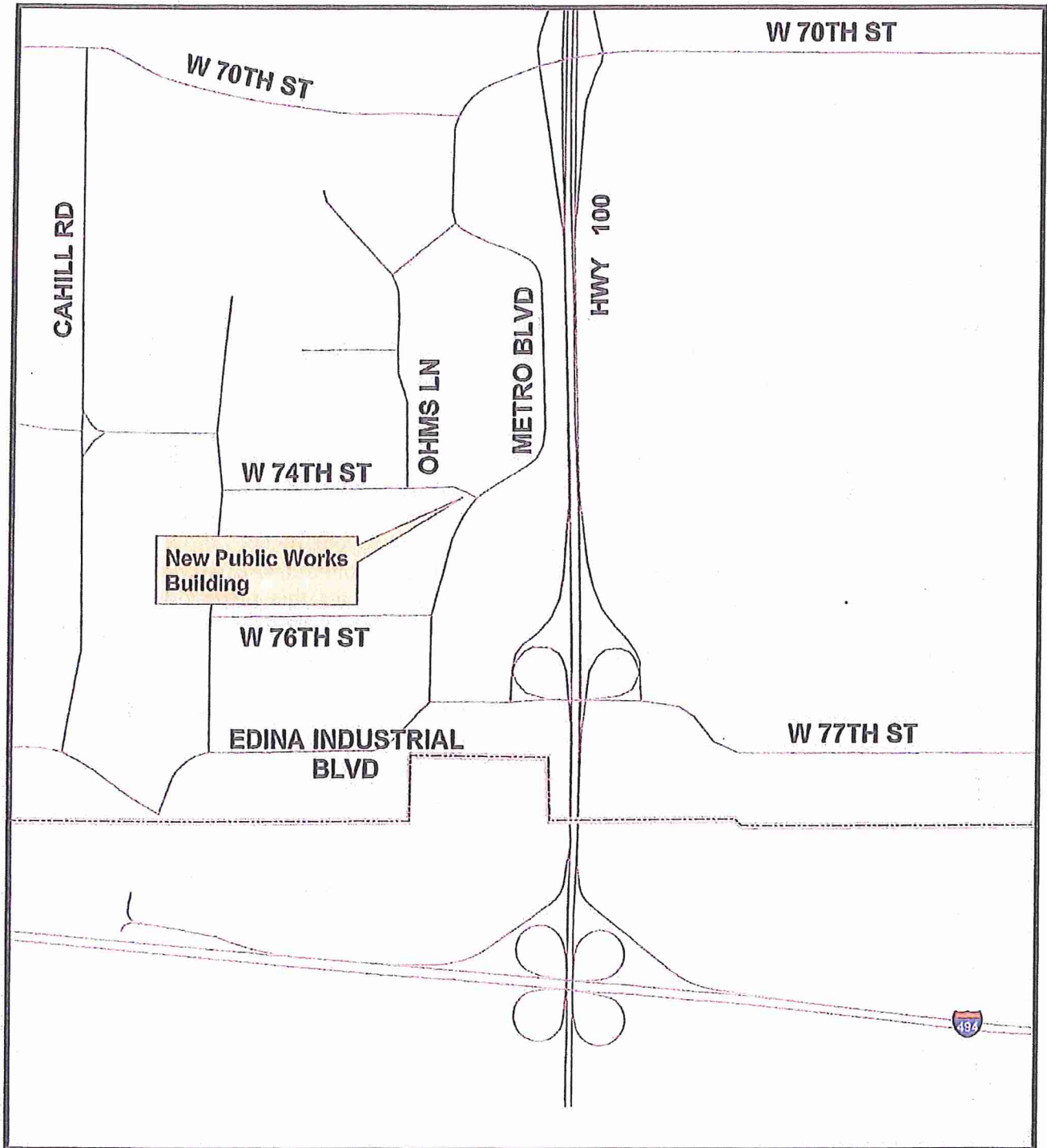
To prepare for the meeting, please review the enclosed brochure "A Guide to Edina's Street Reconstruction Process". Also, for additional information on our Street Reconstruction process visit our website at <http://www.CityOfEdina.com/FutureProjects>.

Please contact Assistant City Engineer, Jack Sullivan if you have any questions or if you are unable to attend and would like more information on the process. Jack can be reached at jsullivan@ci.edina.mn.us or 952-826-0445.

Sincerely,



Wayne D. Houle, P.E.
Director of Public Works
and City Engineer



City of Edina
New Public Works Building
7450 Metro Blvd
Edina, MN 55439



August 30, 2011

RE: 2012 Street Reconstruction Projects

Dear Resident:

Last fall you were notified that the City of Edina initiated the process of street and utility improvements for your neighborhood for the summer of 2012. At the same time you were also invited to an open house to learn more about the process.

Once again, you are invited to attend a similar open house on Tuesday, September 13, 7:00 p.m., at the Public Works and Park Maintenance Facility, located at 7450 Metro Boulevard.

The meeting will consist of a short presentation starting at 7:15 p.m. with question and answer to follow. The presentation will cover topics such as "How are streets selected for reconstruction; Who funds the project; Special assessment; What can I expect during construction; How can I stay informed." Please keep in mind that this meeting will not cover project specific details, that meeting will come at a later time.


The exact amount that you will be assessed for this project will not be available in time for the open house; however, based on past projects, you can expect the amount to be between \$6,000 to \$9,000.

For additional information on our street reconstruction process please see our brochure at <http://www.cityofedina.com/FutureProjects>.

To better communicate the overall happenings of the project, the City has introduced the City Extra e-mail notification service. This service is free and allows individuals to sign up to receive e-mail messages from the City on a variety of topics. To sign up for the service go to the City Extra website at <http://cityextra.cityofedina.com> and place a check mark in the box next to your neighborhood project name (**Richmond Hills Park**). Please contact the City at 952-927-8861 if you are having trouble signing up for City Extra.

If you cannot attend the open house and have questions on the process please contact either Assistant City Engineer Jack Sullivan at 952-826-0445 or email at jsullivan@ci.edina.mn.us or Project Manager Jamie Cynor at 952-826-0440 or email jcynor@ci.edina.mn.us.

Sincerely,

A handwritten signature in blue ink that reads "Wayne D. Houle". The signature is written in a cursive style with a large, stylized 'W' and 'H'.

Wayne D. Houle, P.E.
Director of Public Works
and City Engineer

cc: City Council
Edina Transportation Commission



September 28, 2011

City of Edina

RE: 2012 Richmond Hills Park Improvements – Resident Questionnaire

Dear Resident:

The City of Edina has initiated the process of roadway and utility improvements for the summer of 2012 for your neighborhood. The first step was to hold an open house on September 13, for you to become familiar with the process.

Things to know and consider:

- Residents pay a portion of the overall project cost in the form of a special assessment. A typical special assessment ranges from \$6,000 to \$9,000 per Residential Equivalent Unit (REU) or, per property, and is payable over 10 years. The estimated special assessment for your neighborhood will not be determined until after information has been gathered from the questionnaires and a feasibility report is completed. You will not be billed for the special assessment until fall 2013.
- Components of a project vary and are based on questionnaire responses. The special assessment typically includes cost of new roadway, sidewalk and streetlights. Other utility upgrades such as water main, sanitary sewer, storm sewer and concrete curb and gutter are funded through the utility fund and are not special assessed.
- Construction typically starts in spring/early summer and end in late fall of the same year.

The next step is to get feedback from you regarding a number of key components of the project. The information you share with us is essential in determining certain aspects of the project that may be constructed. This information will be discussed at the project informational meeting on October 17.

The following information explains the questionnaire that is enclosed. A map showing the boundaries of the area to be reconstructed is attached to the back of this letter. After reading this letter completely, **please complete the questionnaire and return by October 10,** in the self-addressed stamped envelope.

I. Drainage Service Connection

Do you use a sump pump or have you considered installing one? Do you currently have a footing drain? The project could include a sump drain system along the roadway to collect groundwater, storm water runoff, and discharges from private sump pumps, roof drains or any other runoff from private property. If a sump drain system is installed you could connect to it; however, the line from your house to the City sump drain would be your responsibility, including any plumbing modifications needed to connect.

City Hall

4801 WEST 50TH STREET
EDINA, MINNESOTA, 55424-1394

www.CityofEdina.com

952-927-8861
FAX 952-826-0390
TTY 952-826-0379

A typical sump pump discharges onto a homeowner's lawn. This can cause problems with your lawn, your neighbor's lawn, your basement if your lawn drains back to your home or with the street if the sump pump constantly runs down the gutter line promoting algae growth. Discharging the sump pump into the sanitary sewer system using floor drains or laundry tubs is against the law, both by City Ordinance and State Statute.

If the topography and final street designs favor a City sump drain system we will need to know if you currently have a sump pump or a footing drain. The City sump drain system is funded through the storm sewer utility fund.

We also would like to know about any local drainage problems. This might be an opportunity for the sump drain system to correct these issues.

II. Local Drainage Problems

Does storm water run-off stand in the street or sidewalk in front of your house? As part of the storm sewer and sump drain design process, we would like to know if this or similar situations are occurring in your area. If so, please describe it in the local drainage problems section of the questionnaire. We will review for possible corrective action.

III. Private Underground Utilities

Some residents install private underground utilities in the City owned boulevards, also called the right-of-way (ROW). These utilities are usually lawn irrigation or pet containment systems. Utility and roadway reconstruction can damage these utilities. If they are damaged, they will be restored only if you indicate that you have these systems on your returned questionnaire in the private underground utilities section. Additionally, if the contractor knows the location of these private utilities, they can attempt to avoid damaging them during construction.

IV. Residential Streetlights

As part of all reconstruction projects, staff typically asks if residents favor upgrading their streetlight system. In some cases, the streetlight system is at the end of its useful life and requires upgrading. We do not know yet the condition of your specific streetlight system; an evaluation will be done later on. Funding for streetlights are currently through special assessment. The typical cost is approximately \$2,000 to \$3,000 per REU or, per property.

In the residential streetlight option section of the questionnaire are examples of the different styles of streetlighting that could be installed in your neighborhood. Please rank your style preferences. Please note that ranking your style preferences does not mean you are in favor of streetlights.

V. Pedestrian Issues

As part of all reconstruction projects, staff typically asks if residents see a need to add sidewalks in the neighborhood. Funding for sidewalks is split between special assessment, City of Edina and the Edina School District (if the sidewalk falls within a school walking zone). The typical cost to add a couple blocks of sidewalks to a multi-block area is \$300-\$600 per REU or, per property.

If you know of a problem at a pedestrian crossing, missing sidewalk or other pedestrian issues please tell us about it in that section of the questionnaire.

VI. Traffic Management

The Edina Transportation Commission typically reviews traffic issues on local streets. We would like to know if you feel that your roadway has any traffic issues. Please tell us about it in the traffic management section of the questionnaire.

Receive Project Updates via City Extra

If you sign up for our "City Extra" e-mail notification service, you will receive project updates as they occur. During feasibility study preparations, such updates are usually notifications of upcoming meetings. Later, if the Council chooses to proceed with construction of this project, the updates will occur weekly. During construction, the updates will include information such as when access to your driveway might be limited or when to have your contractor repair your private lawn irrigation system if it was damaged by construction activities.

The "City Extra" is our best form of communication with you. This service is free and allows individuals to sign up to receive e-mail messages from the City on a variety of topics. To sign up for the service go to the City Extra website at <http://cityextra.cityofedina.com> and place a check mark in the box next to this project's name, "Richmond Hills Park Street Reconstruction". Please contact the City at 952-927-8861 if you are having trouble signing up for City Extra.

Questions

If you have questions after reading this letter, please contact either Assistant City Engineer Jack Sullivan at 952-826-0445 or email at jsullivan@ci.edina.mn.us or Project Manager Jamie Cynor at 952-826-0440 or email jcynor@ci.edina.mn.us.

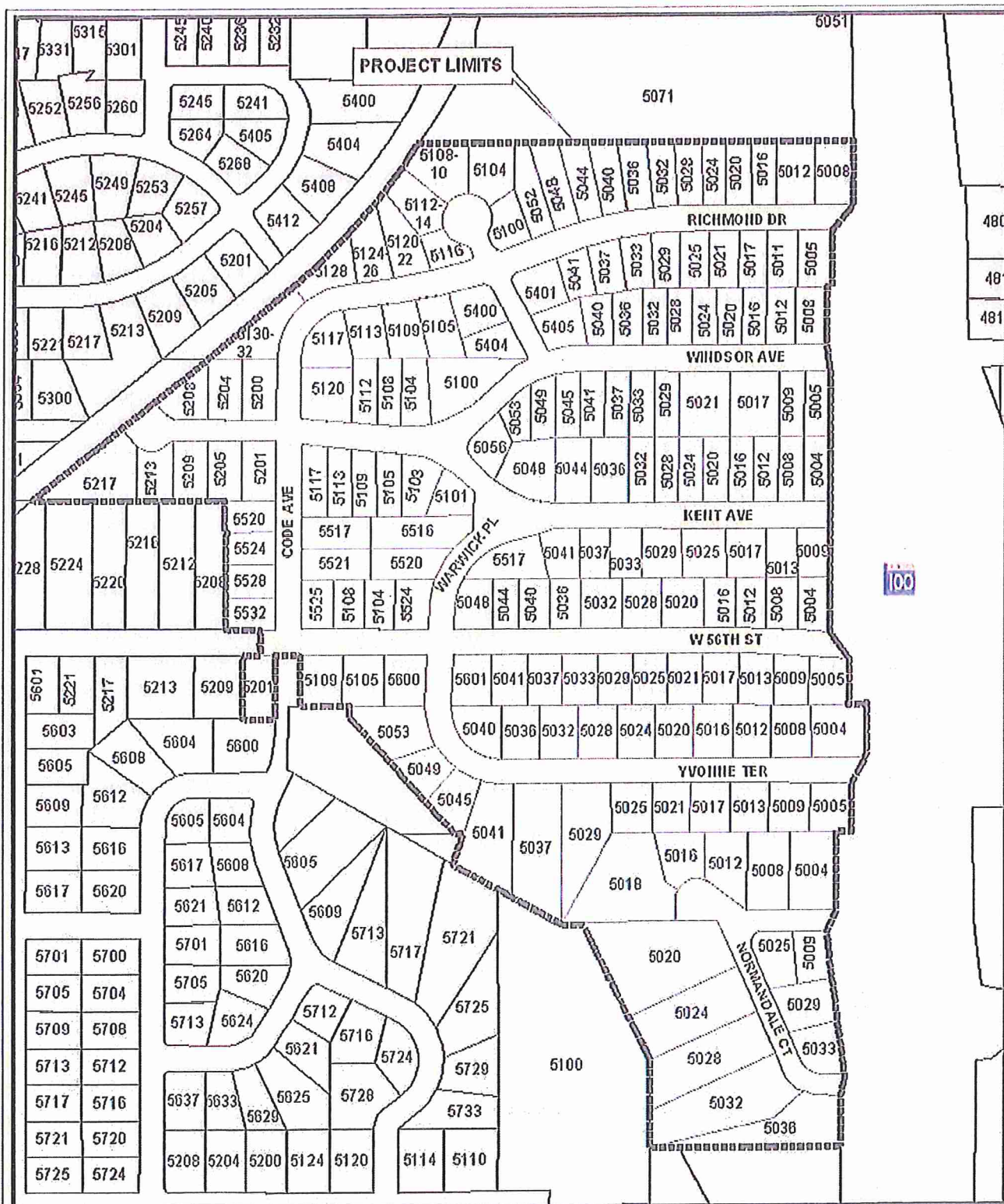
Sincerely,



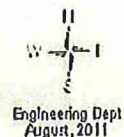
for

Jack D. Sullivan, PE
Assistant City Engineer

Enclosed: Property Owner's Questionnaire
Self-Addressed Stamped Envelope



Project Area
Richmond Hills Park Street Reconstruction
Improvement No: BA-388



September 28, 2011



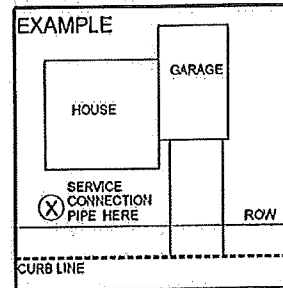
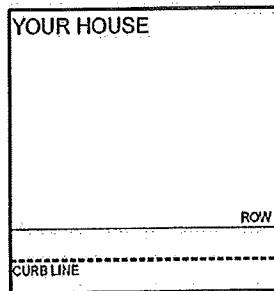
PROPERTY OWNERS QUESTIONNAIRE
2012 RICHMOND HILLS PARK
NEIGHBORHOOD ROADWAY AND
UTILITY IMPROVEMENTS
CITY OF EDINA

Please do not answer these questions until after you have read the entire newsletter. Please complete and return this survey by **October 10**, using the self-addressed stamped-envelope.

I. Drainage Service Connection:

- A. Does your home have a drain tile/footing drain? ☐ Yes ☐ No ☐ Unknown
- B. Does your home have a sump pump? ☐ Yes ☐ No ☐ Unknown
- C. Would you be willing to connect your sump pump up to a City drain if provided (at your own cost)? ☐ Yes ☐ No
- D. Would you be willing to connect your roof drains up to a City drain if provided (at your own cost)? ☐ Yes ☐ No

Please sketch in the space to the right: your house, garage, driveway, sump pump discharge location and approximately where along the right-of-way (ROW) line you would like the service connection pipe located.



II. Local Drainage Problems – please list specific surface water drainage problems in your neighborhood:

III. Private Underground Utilities

- A. Do you have an underground lawn irrigation system in the City's right-of-way? (Typically the right-of-way is 10' to 15' behind the roadway.)
☐ Yes ☐ No
- B. Do you have an underground electric pet containment system in the City's right-of-way?
☐ Yes ☐ No

IV. Residential Streetlights:

- A. Do you favor upgrading your streetlights (there is a special assessment cost of approximately \$2,000 to \$3,000 per REU)?

☐ Yes

☐ No

- B. If the streetlights are upgraded, which style do you prefer? Please rank all the styles from 1 to 5, with 5 being most liked. Please answer even if you answered "No" in section IV. A.

Acorn:

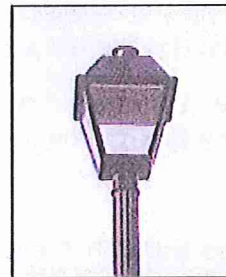
Style can be viewed along Concord Ave from Valley View Rd to South View Ln, Edina.



Dislike ☐ ☐ ☐ ☐ ☐ Like
1 2 3 4 5

Coach:

Style can be viewed in the Sunnyslope neighborhood, just north of Edina City Hall, Edina.



Dislike ☐ ☐ ☐ ☐ ☐ Like
1 2 3 4 5

Arlington Lantern:

Style can be viewed in the Country Club neighborhood, just north of West 50th St along Wooddale Ave, Edina.



Dislike ☐ ☐ ☐ ☐ ☐ Like
1 2 3 4 5

Round Lantern:

Style can be viewed at County Road 101 and W 78th St North, Maple Grove.



Dislike ☐ ☐ ☐ ☐ ☐ Like
1 2 3 4 5

V. Pedestrian Issues:

- A. Do you see a need to add sidewalks in your neighborhood?

☐ Yes

☐ No

- B. If Yes, Where? _____

C. Please list specific neighborhood pedestrian issues below.

VI. Traffic Management

A. Do you feel your neighborhood or roadway has any traffic issues?

☐ Yes

☐ No

B. If yes, what is it and where does it occur?

Thank you for your cooperation. Please return this questionnaire in the enclosed self-addressed, stamped-envelope. **Please complete all questions and return to the City of Edina by October 10.**

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PROPERTY OWNERS QUESTIONNAIRE
2012 RICHMOND HILLS PARK
NEIGHBORHOOD ROADWAY AND
UTILITY IMPROVEMENTS
CITY OF EDINA
Questionnaire Results

Summary

Number of questionnaires mailed	173
Number of returned questionnaires	116
Percentage returned questionnaires	67%

I. Drainage Service Connection:

- A. Does your home have a drain tile/footing drain? 49 Yes 36 No 30 Unknown
- B. Does your home have a sump pump? 52 Yes 53 No 13 Unknown
- C. Would you be willing to connect your sump pump up to a City drain if provided (at your own cost)? 10 Yes 83 No
- D. Would you be willing to connect your roof drains up to a City drain if provided (at your own cost)? 9 Yes 90 No

II. Local Drainage Problems— please list specific surface water drainage problems in your neighborhood:

Comments available upon request.

III. Private Underground Utilities

- A. Do you have an underground lawn irrigation system in the City right-of-way boulevard and if so which company services your irrigation system? (Typically the right-of-way is 10' to 15' behind the roadway.) 36 Yes 79 No
- B. Do you have an underground electric pet containment system in the City's right-of-way Boulevard? 8 Yes 106 No

IV. Residential Street Lights:

- A. Do you favor upgrading your streetlights (there is a direct cost of approximately \$1,500 to \$2,500 per REU)? 19 Yes 96 No
- B. If the streetlights are upgraded, which style do you prefer? Please rank all the styles from 1 to 5 with 5 being most liked.

Acorn	Coach	Arlington	Round
189	226	216	224

V. Pedestrian Issues:

A. Knowing that residents pay a portion of sidewalk costs in Edina, do you see a need to add new sidewalks in your neighborhood? **6 Yes 105 No**

B. If yes, Where? Comments available upon request.

C. Please list specific neighborhood pedestrian issues below (e.g. crossing adjacent busy roadways, etc.). Comments available upon request.

VI. Traffic Management:

A. Do you feel your neighborhood or roadway has any traffic issues? **26 Yes 84 No**

B. If yes, where is it and where does it occur? Comments available upon request.



City of Edina

November 16, 2011

RE: Richmond Hills Park Neighborhood Roadway Improvements

Dear Resident:

The City of Edina has initiated the process of roadway and utility improvements for the summer of 2012 for your neighborhood. As part of the public improvement process the City held an open house on September 13, 2011 to discuss a typical roadway reconstruction project. The next step is to hold an informational meeting to discuss the improvements more specifically to your neighborhood.

We are hosting an information meeting for the **Richmond Hills Park Neighborhood** on November 29, 2011 at 7:00 p.m. in the new Public Works and Park Maintenance Facility located at 7450 Metro Boulevard.

The meeting will consist of a 20 minute presentation that will cover such things as work to be done, estimated project costs, estimated proposed assessment, etc. followed by a short question and answer period.

A public hearing is tentatively set for January 17, 2012. You will be notified of the exact date, time and location of the hearing.

If you can not attend this open house and would like additional information please contact the Engineering Department at 952-826-0371.

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NEIGHBORHOOD MEETING SEH ATTENDANCE ROSTER

Re: Richmond Hills Park Neighborhood Roadway Improvements
Edina, MN

Date of Meeting: 11/29/11
Time of Meeting: 7:00 PM

Project Manager: Toby Muse, PE

Location of Meeting: Edina Public Works Facility
SEH No.: EDINA 118570 14.00

Name	Address	Telephone	e-mail	Lawn Irrigation System	Pet Containment System	Sump Pumps
AT 3 MISC Huber	8025 Kent	952-303-5432	AT 3 MISC Huber	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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NEIGHBORHOOD MEETING

SEH ATTENDANCE ROSTER

Re: Richmond Hills Park Neighborhood Roadway Improvements
Edina, MN

Date of Meeting: 11/29/11
Time of Meeting: 7:00 PM

Project Manager: Toby Muns, PE

Location of Meeting: Edina Public Works Facility
SEH No.: EDINA 118570 14.00

Name	Address	Telephone	e-mail	Lawn Irrigation System	Pet Containment System	Sump Pumps
Sally Wines	5040 W. 56 th	952-926-8908	swines@comcast.net	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Richard Rooney	5109 Redwood Dr	952-929-0373	rooney-richard@earthlink.net	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Todd Nelson	5120 Windsor Ave.	952-920-2175	toninnm@hotmail.com	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Ron & Sue Prax	5050 17 W 56 th	952-929-8102		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Wm Dwyer	5029 W. 56 th	(952) 925-26-2		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Jim Erickson & Steve Straszek	5117 Richmond Dr	952-927-4079	ssstraszek@msn.com pendaker@msn.com	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Loretta Knab	5008 Richmond Dr	952-929-9528	loretta.knab@yahoo.com	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Chris Cifal	5057 W 56	952-925-4451	Ccifal@comcast.net	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Bue Kester	5041 Jeanne	952-922-1824	chickadee55@gmail.com	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Jason Rasmussen	5205 Windsor	952-926-1941	Mr_Rasmussen200@yahoo.com	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



NEIGHBORHOOD MEETING SEH ATTENDANCE ROSTER

Re: Richmond Hills Park Neighborhood Roadway Improvements
Edina, MN

Date of Meeting: 11/29/11
Time of Meeting: 7:00 PM

Project Manager: Toby Misse, PE

Location of Meeting: Edina Public Works Facility
SEH No.: EDINA 118570 14.00

Name	Address	Telephone	e-mail	Lawn Irrigation System	Pet Containment System	Sump Pumps
Dickinson, Steven	5400 Richmond Lane	952-929-9500	james@sehnak.at.yahoo.com	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Bob Harring	5012 Windsor	952-929-1673		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Marc Gossman	5008 Windsor	952-848-7515	marc.gossman.75@gmail.com	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Karen Porch	5048 Richmond Dr	952-928-9717	Kat@roach@comcast.net	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Ryan Ballhug	5030 Yvonne Ter	952-936-9141	reballing@yahoo.com	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Richard Borland	5004 Yvonne Ter	952-285-6592	rdborland@comcast.net	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Susan Keane	5105 W 56th	612-868-3841	Suskeane@gmail.com	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Harb Poyea	5048 W 56th	952-949-1813	---	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
George Frey	5576 Warwick Dr	952-929-7366	georgefrey18@comcast.net	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
John L. Lush	5105 Windsor	925-1437		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Jefferson CW



NEIGHBORHOOD MEETING SEH ATTENDANCE ROSTER

Re: Richmond Hills Park Neighborhood Roadway Improvements
Edina, MN

Date of Meeting: 11/29/11
Time of Meeting: 7:00 PM

Project Manager: Toby Muse, PE

Location of Meeting: Edina Public Works Facility
SEH No.: EDINA 118570 14:00

Name	Address	Telephone	e-mail	Lawn Irrigation System	Pet Containment System	Sump Pumps
Dave Arens	5103 Windsor	952-941-3417	onlyd@5103.com	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
JAMES ANKENY	5532 Code Ave	612-649-5209	janken@blockearthpictures.com	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
MELVIN WOLD	5120/5122 RICHMOND DR	612 730 2007	heredithwold@hotmail.com	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mark GORALC	5004 Yvonne	952-200-4241	mke11y9@msn.com	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Defta Goodmanson	5520 Warwick Place	952-925-2948	skipandde@comcast.net	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Julie Tom Foraker	5109 W 56th St	952-927-9801	Tforaker@comcast.net	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Jenny Palmer	5601 Warwick	952-926-3717	jennypalmer@earthlink.net	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Norajie Dahl	5009 W. 56th St	952-920-5782	andahl3@comcast.net	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Y. Greg	5516 Warwick	952-929-2366		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
John G. G. G.	5018 Hammond	952-920-3748		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
John G. G. G.	5113 Richmond	952-922-0618	lmdover@gmail.com	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



NEIGHBORHOOD MEETING SEH ATTENDANCE ROSTER

Re: Richmond Hills Park Neighborhood Roadway Improvements
Edina, MN

Date of Meeting: 11/29/11
Time of Meeting: 7:00 PM

Project Manager: Toby Minse, PE

Location of Meeting: Edina Public Works Facility
SEH No.: EDINA 118570 14.00

Name	Address	Telephone	e-mail	Lawn Irrigation System	Pet Containment System	Sump Pumps
Thomas W. Wiest	5028 W 58th St	612-578-2319		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
	5025 W 58th St	612-578-2319		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
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MEMORANDUM

TO: City of Edina

FROM: Short Elliott Hendrickson, Inc. (SEH)

DATE: December 6, 2011

RE: Richmond Hills Park Neighborhood Roadway Improvements –
List of Questions asked by Residents at the November 29, 2011 Informational Meeting
SEH No. EDINA 118570

1. What is the width of the boulevard and what is the typical project limits? *The right-of-way is 60-feet wide and the roadway, including curb, is approximately 30-feet wide. This leaves approximately 15-feet behind the curb to the right-of-way. The project typically disturbs 5-8-feet behind the proposed curb.*
2. What if we don't want to have our sanitary sewer service done at this time? *If a resident chose to wait until after the project was completed, the cost of restoring the roadway and boulevard as part of reconstructing your sanitary sewer service would be much higher than completing the work now.*
3. What is the purpose of adding new trunk water main pipe on Richmond Lane and Kent Avenue? *When the entire neighborhood's trunk water main system is analyzed as a whole, the addition of the pipes along Richmond Lane and Kent Avenue essentially 'loop' the water system together that causes an increase the fire flow capacity to more desirable levels.*
4. Why is there storm sewer pipe proposed up to Richmond Circle? *The property owner questionnaire noted several drainage issues with this intersection.*
5. Why is our neighborhood being reconstructed? *The City prioritizes neighborhood streets and utilities for reconstruction based on need and in conjunction with the five-year Capital Improvement Plan approved by the council.*
6. Why are the preliminary assessments doubled from what was noted in the open house invitation letter? *The letters sent were formed letters used for all of the City projects being introduced. The estimates quoted were not detailed estimates for the Richmond Hills Park Neighborhood. A detailed estimate is typically only available at the project specific informational meetings.*
7. Why can't the overhead private utilities be buried? *The private utility companies typically assess the work to bury overhead lines and the costs are very high.*
8. What is there an advantage of having a private contractor do the sanitary sewer service reconstruction work? *The City's contractor will only reconstruct your sanitary sewer service from the trunk pipe in the street to the right-of-way and typically a private contractor can reconstruct your entire sanitary sewer service from the trunk pipe in the street to your house for the same cost or a little more than the City's contractor. You are getting a better cost per lineal foot.*
9. What if I have a tree over my sanitary sewer service pipe? *The City's contractor would be required to use a trenchless method of reconstruction of your sanitary sewer service.*
10. How big is the proposed concrete apron? *The City standard apron measures 3-feet from the back of curb towards your property and matches the width of the existing driveway.*
11. What is the construction process identified for the sanitary sewer service reconstruction? *The proposed method of reconstruction for the sanitary sewer services is open trench method unless there are existing obstacles such as trees or landscaping.*
12. What happens to the landscaping and/or walls in the right-of-way? *City policy says that landscaping boulders and structures in the boulevard are not acceptable. If it affects roadway safety and specifically snowplowing operations, it will likely be removed, otherwise the project team will work with affected property owners on these issues.*
13. What is the reason to change the intersections at Windsor Avenue/ Kent Avenue and Kent Avenue/ Warwick Place? *When possible, the City reduces pavement areas in intersections for safety and maintenance purposes and to match typical intersections installed throughout the City.*

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City of Edina

Richmond Hills Park Neighborhood Roadway Improvements
Open House Plumbers Questionnaire Summary

November 29, 2011

2/28/08 Updated Information based on 2/15/08 Meeting w/ Plumbers.
12/30/10 Updated Plumber Information.

01/26/11 Updated Plumber Information.

02/21/11 Updated Plumber Information.

PLA\EEEdina\1185701-geoh16-meetings\20111129 Neighborhd Mtg\Plumber Quest Revised 11 29 11.xlsx[Sheet1]

DISCLAIMER:

The City of Edina does not endorse any contractor listed on this list. The list is being provided to you only as a beginning reference in your search for a contractor. This list was created in 2005 and revised Feb. 2008, Dec. 2010, Jan. 2011 and Feb. 2011.

Contractor	Trenchless Methods for Sanitary Sewer Service Pipe Reconstruction				Trenchless Methods for Water Service Pipe Reconstruction			Contact Information		
	Private Service Pipe Reconstruction	Slip Line Method	Cured in Place Pipe Method	Pipe Bursting Method	Other Trenchless Methods	Directional Drilling Method	Other Trenchless Methods	Contact Name	Day Phone	Email Address
Aqua City Plumbing	Yes	No	Yes	No	No	No	NUMA Gopher	Dave Vogelgesang	612.827.2871	
Coppin Plumbing	Yes	No	No	No		Yes		Lance Coppin	952.472.2316	
Ellingson Companies	Yes	Yes	Yes	Yes		Yes		Todd Hoffman	888.527.2294 507.251.4372	thoffman@ellingsondrainage.com
Benjamin Franklin	Yes	Yes	Yes	Yes	Yes - Directional Drilling and Pilot Tube Pullback	Yes	Tunneling w/ Pneumatic Gopher. With pipe bursting equipment can pull water service at same time.	Paul Gavic	763.755.6468	pgavic@gmail.com
Gene's Water & Sewer	Yes	Yes	Yes	Yes	Yes - Drop hole - tunnel	Yes	Drop hole - tunnel	Craig Peterson	612.781.3737	www.geneswaterandsewer.com
Highview Plumbing	Yes	Yes	Yes	Yes	Yes Drop hole - tunnel	Yes	Drop hole - tunnel	Dan Swanson	952.933.8600	highview@aol.com
Inter City Water & Sewer	Yes	No	No	No		Yes		Gary Skjod	763.498.7292	julieski@comcast.net
Jeché Excavating	Yes	Yes	No	No	No	No	Gopher, Tunnel, Directional Bore	Bob Jeché	612.720.7456	
Metro General Services Minneapolis & Suburban Sewer & Water	Yes	No	No	Yes	Directional Drilling	Yes	Tunnel	Dale Cazett	763.428.2938	metrogeneral@hotmail.com
Mir Rooter Plumbing	Yes	Yes	Yes	No	Yes - Directional Drilling and Pilot Tube Pullback	Yes	Handtunneling, underground piercing tool (Gopher)	Kevin Hoyt	612.861.6076	khoyt@aol.com, MSSWINC@aol.com
Nova Frost, Inc.	Yes	Yes	No	Yes	Yes - Directional Drilling and Pilot Tube Pullback	Yes	Horizontal Directional Boring	John Wilder	763.551.0555	local.azaval@gmail.com
Olson Construction	Yes	No	No	No	Yes - Directional Drilling	Yes	Tunneling	Michael Frost	651.480.8575	novafrost@earthlink.net
Ouverson Sewer & Water	Yes	Yes	Yes	No	Yes - Directional Drilling and Pilot Tube Pullback	Yes		Ron Olson	952.448.6674	
Parrott Contracting, Inc.	Yes	Yes	No	No	Yes - Directional Drilling and Pilot Tube Pullback	Yes	NUMA Gopher	Troy Ouverson	612.751.6888	trout@linemyssewer.com
Richfield Plumbing Co.	Yes	Yes	No	No	Yes - Directional Drilling and Pilot Tube Pullback	Yes	Directional Boring	Dave Parrott	507.248.9697	dparrott@frontiernet.net
Roto Rooter Services	Yes	Yes	Yes	Yes	Yes - Directional Drilling	Yes	Pneumatic Gopher	Bob Adelman	612.919.1381	service@richfieldplumbing.com
Sunset Construction Inc.	Yes	Yes	No	Yes	Yes - Directional Drilling, pit launched red pusher, vacuum boring	Yes	With pipe bursting equipment can pull water service at same time.	Blaine Weiss	763.519.3928	David.skallet@rsc.com
Thompson Plumbing	Yes	No	No	No	Yes - Directional Drilling	No	Pit launched directional drilling, pit launched red pusher, vacuum boring	Bob Frovarp	612.701.9739 or 763.479.1044	
3B's Sewer & Drain Service	Yes	No	Yes	No	Yes - Directional Drilling	No	Directional Boring	Keith Gause	952.933.7717	keith@thompsonplumbing.net
Underground Utilities, Inc.	Yes	No	No	Yes	Yes	No	None	Bart Carlson	320.587.0900	bart3b@hotmail.com
Valley-Rich Co., Inc.	Yes	Yes	Yes	Yes	Directional Drilling	Yes	Pneumatic Gopher	Jason Johnson	612.860.0401	johnson@uulimn.com
Westonka Mechanical	Yes	Yes	Yes	Yes	The yes answers above are done by us and	No		John Miklya	952.448.3002	john@valley-rich.com
Dasen Contracting	Yes	No	No	No		Yes		Brian Clark	612.741.9779	
Valley-Rich Co., Inc	Yes	Yes	Yes	Yes	Pneumatic Gopher	Yes		Gordy Larsen or Todd Larsen	952.461-2100	dasencontracting@yahoo.com
Pieright Plumbing	Yes	No	Yes	No	No	No		John Miklya	952.448-3002	john@valley-rich.com
Widmer Const.	Yes	No	Yes	No	No	No		Chuck Kes	612-789-6126	charleskes@aol.com
						No	No	Tony Vanderlinde	952-955-5062	vanderline5@frontiernet.net

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City of Edina
Richmond Hills Park Neighborhood Roadway Improvements
Improvement No. BA-388
Preliminary Assessment Roll
11/29/2011
Revisions: 12/20/11 Update names

P:\VA\IE\Edina\118570\4-prelim-dgn-rpts\Assessment\Pend Assess Roll.xlsx\Sheet1

PID	Taxpayers Name	Street#	Street	Street Reconstruction	Sanitary Sewer Service Pipe between Trunk Pipe and Right-of-Way Line	Estimated Total Assessment Rate
3311721210004	James & Kathleen Lange	5004	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721240030	Matthew A & Alissa L Movern	5005	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721210005	Jill Emanuel	5008	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721240031	Darwin F & Margaret M Dahl, III	5009	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721210006	James & Patricia Klobe	5012	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721240032	Judith M Hawley	5013	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721210007	Michael S & Suzanne V Robb	5016	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721240033	Ronald E & Susan Pray	5017	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721210008	Nancy J Litwin	5020	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721240034	Theodora & Leonard Engman	5021	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721240035	Thomas J Wurst	5025	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721210009	Thomas John Wurst	5028	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721240036	William & Dorene R Just, Jr	5029	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721210010	Christopher J & Kristin L Moquist	5032	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721240037	Lori A Sandvig	5033	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721210011	Peter S & Tiffany G Bils	5036	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721240038	Chris & Dawn Rofidal	5037	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721210012	Gary L & Lisa A Wignes	5040	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721240039	Genevieve M Grove	5041	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721210033	Mary T Dunphy	5044	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721210013	Herbert Royce	5048	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721210026	David R & Anne S Braun	5104	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721240042	Gregory H & Susan M Keane	5105	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721210027	Scott L Thorp	5108	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721240043	Thomas A & Judith E Forker	5109	56TH ST W	\$13,400.00	\$3,400.00	\$16,800.00
3311721210030	Neva B Waters	5517	CODE AVE	\$13,400.00	\$3,400.00	\$16,800.00

PID	Taxpayers Name	Street #	Street	Reconstruction	Sanitary Sewer Service Pipe between Trunk Pipe and Right-of-Way Line	Estimated Total Assessment Rate
3311721220042	David C & Lori A Kunz	5520	CODE AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210029	Scott R Strand & Katherine Thomson	5521	CODE AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721220043	Gerald Peplin	5524	CODE AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210028	Keith Curtin	5525	CODE AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721220044	Mark A & Lisa E Cox	5528	CODE AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721220002	James A Ankeny & Lucinda A Winter	5532	CODE AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210079	Mark L Van Sloun	5004	KENT AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210080	Ann M Hanson					
	Mary Elena & Doris M Martin/ Life Estate	5008	KENT AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210022	Sumner Adam & Jennifer I Musolf	5009	KENT AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210081	Jeffrey J Johnson	5012	KENT AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210021	James M & E Jean Smith	5013	KENT AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210082	Damodara Annareddy & Ruth S Potta	5016	KENT AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210020	Donald L & Suzanne L Reading	5017	KENT AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210083	Sam K & Stephanie M Porfer	5020	KENT AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210084	William & Shawn Buss	5024	KENT AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210019	Patrick J & Margaret B Huber	5025	KENT AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210085	Stanley & Katherine Wasley	5028	KENT AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210018	Anthony Schroepfer	5029	KENT AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210086	Norman D & Debra A Mead	5032	KENT AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210017	Gerard & Elizabeth Shannon	5033	KENT AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210087	Teric M & Katherine A Steines	5036	KENT AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210016	Harold & Mary A Schwind	5037	KENT AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210015	Mary L Thronrud	5041	KENT AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210088	Erik & Joanna Engstrom	5044	KENT AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210089	Benjamin S Fife	5048	KENT AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721210090	Justin Malser & Elizabeth Cutshall	5056	KENT AVE	\$13,400.00	\$3,400.00	\$16,800.00
3311721240048	Grant & Susan Johnson	5004	NORMANDALE CT	\$13,400.00	\$3,400.00	\$16,800.00
3311721240050	William J & Patricia Hanson	5008	NORMANDALE CT	\$13,400.00	\$3,400.00	\$16,800.00
3311721240028	Jordan M Mauer	5009	NORMANDALE CT	\$13,400.00	\$3,400.00	\$16,800.00
3311721240051	Dale R & Marci A Lorge	5012	NORMANDALE CT	\$13,400.00	\$3,400.00	\$16,800.00
3311721240052	Jeffrey S Skoog & Annick H L Pelletter-Skoog	5016	NORMANDALE CT	\$13,400.00	\$3,400.00	\$16,800.00
3311721240053	Don Henderson	5018	NORMANDALE CT	\$13,400.00	\$3,400.00	\$16,800.00
3311721240027	James M Ostlund	5020	NORMANDALE CT	\$13,400.00	\$3,400.00	\$16,800.00
3311721240026	Paul A & Diane S Schroeder	5024	NORMANDALE CT	\$13,400.00	\$3,400.00	\$16,800.00
3311721240029	Anne L Olstad	5025	NORMANDALE CT	\$13,400.00	\$3,400.00	\$16,800.00
3311721240025	Gary L Domann & Brian P Ellingson	5028	NORMANDALE CT	\$13,400.00	\$3,400.00	\$16,800.00
3311721240022	Don E & Virginia L Washburn	5029	NORMANDALE CT	\$13,400.00	\$3,400.00	\$16,800.00
3311721240024	Patricia H Brodsky	5032	NORMANDALE CT	\$13,400.00	\$3,400.00	\$16,800.00
3311721240021	Morgan S & Susan M Brown	5033	NORMANDALE CT	\$13,400.00	\$3,400.00	\$16,800.00
3311721240023	Daniel J & Joanne F Kersten	5036	NORMANDALE CT	\$13,400.00	\$3,400.00	\$16,800.00
3311721210041	Almon G Hoyer	5100	RICHMOND CIR	\$13,400.00	\$3,400.00	\$16,800.00
3311721210040	Willard & Grace Raymond	5104	RICHMOND CIR	\$13,400.00	\$3,400.00	\$16,800.00
3311721210039	Kermit F Johnson	5108	RICHMOND CIR	\$13,400.00	\$3,400.00	\$16,800.00

PID	Taxpayers Name	Street#	Street	Street Reconstruction	Sanitary Sewer Service Pipe between Trunk Pipe and Right-of-Way Line	Estimated Total Assessment Rate
3311721210038	Jerome H Schlink	5112	RICHMOND CIR		\$13,400.00	\$16,800.00
3311721210037	Sreeranjini R Seetharam & Achyuth V Iyengar	5116	RICHMOND CIR		\$13,400.00	\$16,800.00
3311721210001	Susan C R Khatri	5005	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210053	Loretta G Knab	5008	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210002	Gladys M Morgan	5011	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210052	Christopher W & Kathryn F Jones	5012	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210051	Nathaniel S & Chelsea A Dick	5016	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210061	Keith B Thompson & Renata M Vjums	5017	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210050	Douglas Erickson	5020	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210060	Frank W & Renetta A Barr	5021	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210049	John W & Beverly H Haw II	5024	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210059	Douglas G & Andrea L Doebbert	5025	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210048	Colin J & Abigail K Rooney	5028	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210058	Matthew M & Emily D Knodt	5029	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210047	Jacinda Hawkins & C/O Mary Moncur	5032	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210057	Yuriy Malinin	5033	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210046	Nicholas E Engels	5036	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210056	Charles Spear	5037	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210045	Christopher M Johnson	5040	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210055	John P & Lucille F Schneider/Trust	5041	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210044	John Hatch	5044	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210043	Terrence G & Karen Ann Roach	5048	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210042	Timothy J & Sarah K Sullivan	5052	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210073	Thomas D & Rochelle F Crowley	5105	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210072	Richard Rooney	5109	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210071	Martha H & Larry J Dover	5113	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210115	Steven J Stroncek & Pamela E Erickson	5117	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210036	Eric E & Meredith K Wold	5120	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210035	John W & Karin Marshall	5124	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210034	Thomas W Lasalle	5128	RICHMOND DR		\$13,400.00	\$16,800.00
3311721220007	June B Regan	5132	RICHMOND DR		\$13,400.00	\$16,800.00
3311721210074	Richard D Stresnak	5400	RICHMOND LA		\$13,400.00	\$16,800.00
3311721210054	Gregory A Bassett	5401	RICHMOND LA		\$13,400.00	\$16,800.00
3311721210075	Carrie E Wikman	5404	RICHMOND LA		\$13,400.00	\$16,800.00
3311721210069	Leah Rae Schibur	5405	RICHMOND LA		\$13,400.00	\$16,800.00
3311721210023	George Frey, Jr	5516	WARWICK PL		\$13,400.00	\$16,800.00
3311721210014	Michael A Ennis & Linda L Tate	5517	WARWICK PL		\$13,400.00	\$16,800.00
3311721210024	Verne S Goodmanson	5520	WARWICK PL		\$13,400.00	\$16,800.00
3311721210025	Nathan & Gretchen Gruys	5524	WARWICK PL		\$13,400.00	\$16,800.00
3311721240041	Carol L Bros	5600	WARWICK PL		\$13,400.00	\$16,800.00
3311721240040	Jerril A & Mary J Palmer	5601	WARWICK PL		\$13,400.00	\$16,800.00
3311721210101	Michael W & Janis A Kimmel	5005	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210031	Marc E & Margaret Grossman	5008	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210100	Neil A Murphy & Bridget M Stevens-Murphy	5009	WINDSOR AVE		\$13,400.00	\$16,800.00

PID	Taxpayers Name	Street #	Street	Street Reconstruction	Sanitary Sewer Service Pipe between Trunk Pipe and Right-of-Way Line	Estimated Total Assessment Rate
3311721210032	Robert J & Sharon A Harfung	5012	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210062	Richard D & Lorelei S Becker	5016	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210099	Todd F & Sydney S Taggart	5017	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210063	Ray E Nelson & Sally A Dunn	5020	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210098	David & Alison Auerbach	5021	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210064	Jacques A & Kellianne B Williamson	5024	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210065	Linda Moen	5028	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210097	Lorie Mahoney	5029	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210066	Matthew E W & Dina K Scholl	5032	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210096	Michael R & Janice K Bolin	5033	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210067	Janice Joshua	5036	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210095	Christopher Lee & Judith A G Thommes	5037	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210068	Gordon A Brown, Jr	5040	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210094	Richard J & Madonna B Loeffler Trustee	5041	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210093	John Basill	5045	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210092	Robert D & Suzanne K Carman	5049	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210091	John D Shively	5053	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210102	Steven L & Susan B Meyer	5100	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210107	Lambert Meidinger, Jr	5101	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210108	David C & Susan L Arenson	5103	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210103	William S Steinke	5104	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210109	Caral Heffeman	5105	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210104	Florence A Opsahl & Cecilia Cofield	5108	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210110	Saharla A Jama	5109	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210105	Todd W & Mary Peterson	5112	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210111	Richard J & Maggie A Mcracken	5113	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210112	Eve S Schnell Clarke	5117	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721210114	Todd B & Jody S Nelson	5120	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721220063	Kim Kuffel	5200	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721220058	Peter J & Laura S Hoffman	5201	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721220064	Duane N Hall & Patricia Korth	5204	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721220059	Jason R & Breann A Robinson	5205	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721220065	James T & Victoria A Seveland	5208	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721220060	Radoslav Atanasoski	5209	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721220061	Michael J & Sheryl A Bertrand	5213	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721220062	Pauline T Sateren	5217	WINDSOR AVE		\$13,400.00	\$16,800.00
3311721240080	Richard D Borland & Lynda L Lorenz	5004	YVONNE TER		\$13,400.00	\$16,800.00
3311721240076	Dorothy M Krueger	5005	YVONNE TER		\$13,400.00	\$16,800.00
3311721240056	Kurt K Knutson & Clara Case	5008	YVONNE TER		\$13,400.00	\$16,800.00
3311721240075	Thomas Divine	5009	YVONNE TER		\$13,400.00	\$16,800.00
3311721240057	Kathleen Galameau	5012	YVONNE TER		\$13,400.00	\$16,800.00
3311721240074	Raymond J Kenning, Mary E Kenning & Piper K Webb	5013	YVONNE TER		\$13,400.00	\$16,800.00
3311721240058	Paul A & Paula L Joy	5016	YVONNE TER		\$13,400.00	\$16,800.00
3311721240073	Dianne S Blake & Thomas Tessman	5017	YVONNE TER		\$13,400.00	\$16,800.00

PID	Taxpayers Name	Street #	Street	Street Reconstruction	Sanitary Sewer Service Pipe between Trunk Pipe and Right-of-Way Line	Estimated Total Assessment Rate
3311721240059	Ryan Ballinger & Angie McConnell	5020	YVONNE TER	\$13,400.00	\$3,400.00	\$16,800.00
3311721240072	David R & Ann K F Dickey	5021	YVONNE TER	\$13,400.00	\$3,400.00	\$16,800.00
3311721240060	Mark D & Mary Ann Grovak	5024	YVONNE TER	\$13,400.00	\$3,400.00	\$16,800.00
3311721240071	Robert Fitzsimmons, Jr	5025	YVONNE TER	\$13,400.00	\$3,400.00	\$16,800.00
3311721240061	Matthew B & Amy C Olson	5028	YVONNE TER	\$13,400.00	\$3,400.00	\$16,800.00
3311721240070	Andrew E & Laura R Gierlsen	5029	YVONNE TER	\$13,400.00	\$3,400.00	\$16,800.00
3311721240062	Kurt M & Nancy O Dalsin	5032	YVONNE TER	\$13,400.00	\$3,400.00	\$16,800.00
3311721240063	Kraig D Knutson & Bridget Towey	5036	YVONNE TER	\$13,400.00	\$3,400.00	\$16,800.00
3311721240078	Janice B Bergren	5037	YVONNE TER	\$13,400.00	\$3,400.00	\$16,800.00
3311721240064	Jeffrey T & Barbara A Meyer	5040	YVONNE TER	\$13,400.00	\$3,400.00	\$16,800.00
3311721240079	Susan N Keator	5041	YVONNE TER	\$13,400.00	\$3,400.00	\$16,800.00
3311721240067	Philip A & Dorinda K Johnson	5045	YVONNE TER	\$13,400.00	\$3,400.00	\$16,800.00
3311721240066	James D & Nancy L Jaeckels	5049	YVONNE TER	\$13,400.00	\$3,400.00	\$16,800.00
3311721240065	Warren D & Joann G Snyder	5053	YVONNE TER	\$13,400.00	\$3,400.00	\$16,800.00

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Richmond Hills Park Neighborhood Roadway Improvements

City of Edina

Date: December 28, 2011

To: Property Owners of Richmond Hills Park Neighborhood
Edina, Minnesota

From: City of Edina and Short Elliott Hendrickson Inc.(SEH)

Reference: Explanation of Conflicting Estimated Special Assessment Rate Amounts
Improvement No. BA-388

Due to questions stemming from the Neighborhood Informational Meeting on November 29, 2011 regarding special assessment amounts, we thought this would be a good time to explain why you have been seeing varying levels of special assessment amounts in previous correspondence to you.

On September 7, 2010 the City sent you a letter inviting you to a neighborhood open house. This invitation letter stated that "The exact amount that you will be assessed for this project will not be available in time for the open house; however, based on past projects, you can expect the amount to be between \$8,000 to \$12,000." At that open house the City introduced you its roadway reconstruction process.

On August 30, 2011 the City sent you another letter inviting you to a second neighborhood open house. This invitation letter stated that "The exact amount that you will be assessed for this project will not be available in time for the open house; however, based on past projects, you can expect the amount to be between \$6,000 to \$9,000." At the second open house, which was a repeat of the 2010 open house, the City reminded you about its roadway reconstruction process.

Both of these invitation letters were form letters used by the City to invite property owners living in all of the City's upcoming project areas to learn about the City's street reconstruction process. The estimated assessment amounts quoted in these 2 letters were not detailed estimates for the Richmond Hills Park Neighborhood (Richmond Hills) project. Instead they were representative amounts from a cross-section of recently completed City roadway reconstruction projects. We report representative amounts from a cross-section of recently completed projects because we are inviting property owners living in all of the City's upcoming project areas. Some of the Cities upcoming projects are of course less and more complex / expensive than a representative project.

We included the representative amounts in the invitation letters to educate property owners that the City uses special assessments to pay for part of the project's cost. In the event the project moves forward, the City encourages property owners to begin planning financially for the assessment as soon as they can.

Additionally, the representative amounts quoted in the invitation letters attract more curious property owners to the neighborhood open houses. The more property owners attending an open house the greater the benefit to the potential project.

City Hall

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Explanation of Conflicting Estimated Special Assessment Rate Amounts
December 28, 2011
Page 2

As we mentioned at the 2 open houses, the City's process includes preparing a feasibility study specifically for each upcoming City street reconstruction project. Enough of the study for Richmond Hills was complete at the Neighborhood Informational Meeting on November 29, 2011 to provide Richmond Hills' property owners with a more accurate estimated assessment amount of \$16,800. This amount consists of an estimated \$13,400 for the roadway portion and \$3,400 for the portion of the sanitary sewer service pipe that is in the right-of-way.

We understood the frustration expressed by Richmond Hills' property owners at the Neighborhood Information Meeting that \$16,800 is more than the \$6,000 to \$9,000 stated in the second invitation letter. The Richmond Hills project contains a total upgrade of the water and sanitary sewer system. A more representative project to the Richmond Hills project is the 2011 Minnehaha Woods Neighborhood project. In Minnehaha Woods, the City also completely upgraded the water and sanitary sewer system. Minnehaha Woods has a pending assessment of \$16,300 (\$11,800 for the roadway portion and \$4,500 for the portion of the sanitary sewer service pipe that is in the right-of-way).

Hindsight is always much better – so in the future the City will not include representative amounts from a cross-section of recently completed projects in its invitation letters to neighborhood open houses.

The City Council will consider accepting the Richmond Hills feasibility study and ordering the preparation of bidding documents at the public improvement hearing on January 17 at 7:00 p.m. at Edina City Hall. Enclosed with this letter is the official notice informing you of the public improvement hearing. If you would like to view other documents before the hearing, please visit the City's web page for the Richmond Hills project at the following link:
http://www.ci.edina.mn.us/Departments/L5_ConstructionProjects_RichmondHills_BA388.htm

To better communicate the overall happenings of the project, the City has introduced the City Extra e-mail notification service. This service is free and allows individuals to sign up to receive e-mail messages from the City on a variety of topics. To sign up for the service go to the City Extra website at <http://cityextra.cityofedina.com> and place a check mark in the box next to your neighborhood project name (Richmond Hills Park). Please contact the City at 952.927.8861 if you are having trouble signing up for the City Extra.

We look forward to seeing you at the Public Improvement Hearing on January 17. Please contact either of us with questions or comments.

Wayne D. Houle, PE
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City of Edina
952.826.0443
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Toby Muse, PE
Project Manager
SEH Inc.
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City of Edina

December 28, 2011

NOTICE OF PUBLIC HEARING
ROADWAY IMPROVEMENTS
PROPOSED IMPROVEMENT NO. BA-388
RICHMOND HILLS PARK NEIGHBORHOOD ROADWAY IMPROVEMENTS

The Edina City Council will meet at the Edina City Hall on Tuesday, January 17, 2012, at 7:00 p.m. to consider the public hearing on roadway improvements for the Richmond Hills Park Neighborhood Roadway Improvements. This hearing is being conducted under the authority granted by Minnesota Statutes, Chapter 429.

This hearing has been called as a recommendation from staff. The proposed project would be constructed in the summer of 2012 with the assessment hearing occurring in the fall of 2013. The estimated project cost is \$2,873,000. The cost of the project will be funded by special assessments. The estimated cost per assessable lot is \$16,800 per residential equivalent unit. The assessments can be divided over a ten-year period with interest accumulating on the unpaid balance.

The area proposed to be assessed by the proposed improvements includes all properties between and including:

5004 to 5036 Normandale Court; 5004 to 5053 Yvonne Terrace; 5004 to 5109 56th St W;
5516 to 5601 Warwick Place; 5004 to 5056 Kent Avenue; 5005 to 5217 Windsor Avenue;
5517 to 5532 Code Avenue; 5400 to 5405 Richmond Lane; 5005 to 5132 Richmond Drive;
5100 to 5116 Richmond Circle

Your receipt of this notice is an indication that property whose ownership is listed to you is among those properties which are considered to be benefited by the improvement.

The City Council can authorize the proposed project immediately upon the close of the hearing.

City Hall

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**MINUTES OF
CITY OF EDINA, MINNESOTA
TRANSPORTATION COMMISSION**

SPECIAL MEETING

PUBLIC WORKS MULTIPURPOSE ROOM

JANUARY 9, 2011

6:00 p.m.

City Council asked ETC to call a special meeting to advise the Council for Public Hearing on January 17, 2012.

ROLL CALL: Answering roll call were members Bass, Braden, Janovy, Nelson, and Schold Davis.

COMMUNITY COMMENTS – None

REPORT/RECOMMENDATIONS

REVISED FEASABILITY REVIEW

Richmond Hills Park

Assistant City Engineer, Sullivan, introduced Toby Muse from SEH, the consultant for the project. Mr. Sullivan started by giving an overview of the Feasibility Report.

- This neighborhood has some curb and gutter already. All new curb and gutter will be installed. Roadway will remain in about the same location.
- Selected utility replacement to include water main, sanitary sewer and some storm sewer to account for water drainage and other concerns.
- Warwick and Kent, Windsor and Kent intersections will be redesigned to more traditional "T" intersections to improve definition of roadway and right-of-way.

From meeting on December 17th, prior discussion included radius at these locations, bus operations, and drainage concerns. General consensus of the ETC at that time was not to include sidewalk on 56th Street or on any other roadway within the project.

Discussion among ETC members on January 9, 2012:

- This area is outside the school walking zone and is an "all bus route" to Countryside Elementary. There is a paved pathway along Normandale from Benton Avenue to Eden Avenue.
- Mr. Sullivan was asked what is looked at when evaluating a project for pedestrian improvements. Is it the sidewalk figure in the comprehensive plan and the potential to add sidewalks, or are there other improvements also considered, such as marking crosswalks, improving drainage (to reduce ponding on street), evaluating sight lines. For bike lanes, Mr. Sullivan was asked whether they look at the storm grates and longitudinal joints for example. Mr. Sullivan indicated they do replace storm grates, address ponding, and consider the longitudinal joints. Mr. Sullivan was encouraged to communicate to the Council and public the level of detail that is thought through with regard to pedestrian and bicycling improvements.

- Mr. Sullivan was asked whether street lighting is evaluated and whether current lighting is sufficient, for example for pedestrians. Mr. Sullivan stated that most are traditional lighting at intersections to delineate the intersection.
- Mr. Muse indicated questionnaires have been sent out to residents. He indicated six residents stated the need for sidewalks and even fewer preferred changing street lights.
- Members noted the project cost increased from the cost stated in the original communication to residents. Mr. Sullivan indicated that the original letter was a generic amount and neighborhoods that need more extensive restoration are not accounted for in original letter. Mr. Muse mentioned that the increase is partially due to repair to sanitary service lines, which have extensive root infiltration.
- Mr. Muse addressed the issue of school buses maneuvering in redesigned intersections. There will be a little overlap of the bus into the oncoming traffic lane, but this is typical of buses in any area of town. Cars have a tighter turning radius so will not present a problem.
- Mr. Muse commented that residents have reviewed the changes at the informational meeting and there was minimal comment regarding the reduction in pavement at the intersections with Warwick and Kent and the Windsor and Kent intersections. Mr. Sullivan stated that with the increase in boulevard space, driveways and irrigation systems will be extended accordingly. Snow plowing and snow removal will not be affected. Street lighting will be changed accordingly to illuminate the intersections.
- The ETC commented on the need for a sidewalk on Benton.
- Members discussed the existing sidewalk along Normandale Frontage Road that extends from Eden Avenue down to Benton and then terminates at East View Lane. This trail crosses seven streets of the project. Mr. Sullivan stated that since these streets have low level of traffic staff is not suggesting enhancing the crosswalks to visually continue pathway.
- Members asked what the process is for addressing traffic management concerns that will not be addressed through the project (i.e. additional stop signs, speeding on Richmond). A process should be identified to address these concerns.
- Mr. Sullivan was asked whether residents are informed that whether a sidewalk is installed is up to them. There was some discussion about how residents could get that impression from the wording of the survey. How does the City balance being responsive to resident preferences with an overall policy direction, such as Living Streets. The need for a pedestrian plan was noted.
- Regarding a sidewalk, the question was asked, "Where should our priorities be?" Although the ETC is not recommending a sidewalk in the neighborhood, it is not opposed to a sidewalk, The consensus was to not strongly argue for sidewalks in this neighborhood based on the information we have.

Recommendation

The Edina Transportation Commission is recommending the improvements as indicated in the feasibility report.

ETC doesn't have issues with this particular project but it is triggering discussion regarding a pedestrian plan.

Countryside Neighborhood

Mr. Sullivan started by giving an overview of the Feasibility Report and the discussions held at the November 17, 2011 ETC meeting.

- The neighborhood will have all new curb and gutter
- New water services and other selective utility rehabilitations
- Realignment of four intersections along Crescent Drive

- The ETC recommended the addition of sidewalk along Westridge Boulevard and Hillside Road.

Discussion among ETC members on January 9, 2012:

- Recognize that putting sidewalks throughout is expensive. Since there are kids walking to school and nearby parks, the ETC thought it was a reasonable compromise to increase the walk-ability and look at the most natural pathway through the neighborhood to the school and park. The most logical path would be Westridge Boulevard and Hillside Road to access Countryside Park and Countryside Elementary School.
- Mr. Sullivan stated that if the sidewalk was added, the roadway could be shifted slightly to better accommodate the addition of a 5' boulevard and 5' walk. A less than 5' boulevard creates too much heat from street and sidewalk and tends to dry those areas out. Intersections on Crescent will be tightened up.
- Mr. Sullivan stated that very preliminary estimates have the sidewalk costing approximately \$140,000. An assessment amount of \$600—\$800 per home. (After additional design, Staff expects the sidewalk to cost each residential assessment for the sidewalk is \$1700). The cost would be split between the school-25%, residents-50% and the City-25%. This additional assessment would include all residents in the project area. The residents are not aware of the ETC's recommendation to add sidewalks.
- In all projects sidewalks and drainage should be considered to create pedestrian and bicycle safe routes. If Council sees this as the policy, then it is reasonable that they are being considered for any project. For future projects, letters and questionnaire to residents should address this policy to educate residents that Edina has a walk-ability goal and safe paths for all.
- Reiterated that there is Countryside Park, Bredesen Park, and school near to the project area. Recognize we developing a Living Street policy, but how do we implement it, what are the priorities throughout the City? Identify the best places City wide and then look at when reconstructing area? Where does the resident's input come in when making decisions?
- With limited dollars to be spent, would the determination for priority sidewalks be opportunity driven? Mr. Sullivan indicated we have more need than funding sources, but also have time-lines that we have to work within.
- Recommendation from prior meeting was if sidewalks end at Tracy do we need to look at additional crosswalks. Discussion about where crosswalks should be placed.
- Should feasibility study be done for the sidewalk? From staff perspective, felt the sidewalk could be installed, evaluating driveways, existing trees and place sidewalk on most appropriate side.

Recommendation

The ETC reiterated support for sidewalks as shown on page 9 of 12 of the feasibility report. Their recommendation is based on this area being in a school zone, near a City park, consistent with Living Streets principles and would make a good connection for any future sidewalk along Valley View Road.

The ETC will create an Advisory Communication to forward to Council as part of the public hearing. Chair Janovy will complete and Member Nelson will review.

Bass moved to create an Advisory Communication for the Countryside project, seconded by Schold Davis, the motion passed.

ADJOURNMENT

Meeting adjourned at 7:45 p.m.